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LOWER COOK INLET SALMON RUN TIMING CURVES



By  
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## ABSTRACT

Mean daily cumulative proportions for total runs (run timing curves), with 90% confidence limits, were calculated for 14 sockeye *Oncorhynchus nerka*, 26 pink *O. gorbuscha*, and 25 chum *O. keta* salmon stock groupings for Lower Cook Inlet harvest areas using data for 1971-1991. Size estimates of these runs, based on run timing curves, are made throughout the fishing season by fishery managers to aid in the regulation of harvests and the achievement of spawning escapement goals.

**KEY WORDS:** Chum salmon, Lower Cook Inlet, pink salmon, *Oncorhynchus*, run timing, sockeye salmon

## INTRODUCTION

Each summer, five species of Pacific salmon return to streams throughout Lower Cook Inlet to spawn. Dates of these salmon runs differ between and within species. The Alaska Department of Fish and Game attempts to direct Lower Cook Inlet commercial fisheries upon discrete stocks or stock groupings of spawning salmon to maximize their production and to protect their reproductive potential. To accomplish this, management districts have been established and further subdivided into subdistricts and sections. Although Lower Cook Inlet also contains commercial salmon fisheries that target on a mixture of local and non-local stocks (e.g. China Poot and Halibut Cove), most of fisheries within this area harvest relatively discrete local stocks.

To regulate harvests and achieve spawning escapement goals, size estimates of the various runs are made throughout the fishing season by using information on expected dates and daily proportions of total runs, graphed as run timing curves. These curves must be based on a combination of both historical harvest and escapement data. Daily harvest statistics by themselves are not good estimators of run timing because catches are influenced by factors such as weather, fishing effort, and fishery openings. Daily escapement statistics by themselves are also not good estimators of run timing, unless there are no fishery harvests, because escapements are influenced by fishery removals.

For management of Lower Cook Inlet salmon fisheries, salmon returning to one or more spawning streams within a local management unit were considered to be a stock (Figures 1 and 2). This report describes methods used to combine historical harvest and escapement data into run timing curves and also documents these curves for selected sockeye *Oncorhynchus nerka*, pink *O. gorbuscha*, and chum *O. keta* salmon stock groupings. We did not calculate run timing statistics for coho salmon *O. kisutch*. While coho salmon observed during the pink, chum, and sockeye surveys were recorded, these surveys usually ended in September while coho salmon runs were still in progress.

## METHODS

When more than one spawning system occurs within a management unit, documented escapements from all contributing streams were combined with the mixed stock harvest from that unit to obtain a run timing profile for the entire unit.

A suite of commercial and custom software are used to store and analyze catch and escapement data (Figure 3). Lower Cook Inlet catch data, recorded on delivery receipts, are ultimately entered into a Statewide *Fish Ticket* system, a harvest-record database developed by the Alaska

Department of Fish and Game (ADF&G), Computer Services staff. Annual harvest summaries are extracted from the *Fish Ticket* system by the Lower Cook Inlet staff and stored in binary format. Harvest summary software, developed by Fred Jamsen (Biometrist, ADF&G, Commercial Fisheries Management and Development Division, Anchorage) is used to read and convert these binary files into ASCII format.

Salmon escapement information collected by annual aerial surveys, ground surveys, and weir counts are stored in *Rbase*, a commercially written database software package. For our analyses, historical daily escapement survey data were extracted from *Rbase* with an application written by Fred Jamsen. Aerial and ground survey data were converted to daily escapement estimates using a FORTRAN program named GETESC.EXE written by the senior author (Appendix A.1). Annual escapement estimates were made for pink and chum salmon stocks having at least six surveys, and for sockeye salmon stocks having at least six surveys with progressively greater counts. The program GETESC.EXE does not reject surveys during which salmon were not observed. Weir data were not converted into escapement estimates with GETESC.EXE, since weir data were considered as total, rather than partial escapement estimate.

The program GETESC.EXE used a 17.5 day stream life estimate when converting aerial and ground survey counts of pink and chum salmon into total escapement estimates. This stream life estimate is based on work done in Prince William Sound (Helle et al. 1961; McCurdy 1984). Only salmon counted within intertidal and freshwater zones of spawning systems were included within escapement calculations. Salmon remaining in marine waters near stream mouths at the end of the survey season were not added to escapement counts and were not included in run timing curves.

Pink or chum salmon daily escapements were estimated as:

$$E_{\frac{d_{i-1}+d_i+0.5}{2}} = \frac{\frac{(x_i+x_{i-1})}{2} (d_i-d_{i-1})}{17.5} \quad (1)$$

where  $E$  = pink or chum salmon escapement,  $x_i$  = number of live pink or chum salmon observed in the study stream during survey  $i$ ;  $d_i$  = Julian calendar date of survey  $i$ . Because pink and chum salmon are not expected to arrive in the streams before 10 July,  $d_0$  = Julian date 190 and  $x_0 = 0$ . They are also not expected after 15 September,  $d_{n+1} \leq$  Julian date 258 where  $n$  = number of surveys. Dividing the numerator, which accounts for the number days between surveys, by stream life, yields pink and chum salmon escapement estimates which are assigned to  $(d_{i-1}+d_i+0.5)/2$ , the mid-point between survey  $i-1$  and survey  $i$ .

Most harvest areas have a unique stream code for each spawning stream, so if more than one survey is recorded on the same day, only the larger count is used in analyses. However, Port Chatham, Dogfish Lagoon, and Iniskin Bay have multiple streams and forks which share the same stream code. Therefore, surveys done on the same day in these three areas were pooled for all species, if these surveys covered different locations within these areas.

Most sockeye salmon survey data were not adjusted for stream life because individuals tended to survive to the end of the survey period in September. Therefore, all surveys having less counts than the previous survey were omitted from analyses. The difference between adjacent surveys represented the escapement that occurred between them; these counts were assigned to the more recent survey date:

$$E_i = \begin{cases} x_i - x_{i-1} & \text{if } x_i > x_{i-1} \\ 0 & \text{otherwise} \end{cases} \quad (2)$$

To account for harvests by a personal use dip net fishery, a 1.5 day stream life estimate was used to adjust sockeye salmon counts from China Poot system ground surveys. This stream life estimate was based on the 1989 total sport and personal use catch divided by ground survey fish-days. For most sockeye salmon systems, data from all survey zones, including bay, intertidal, stream, lake counts, were used to estimate escapement. Only stream and lake counts, however, were used to estimate sockeye salmon escapement into the Chenik, Mikfik, and Aialik systems.

If more than one survey method was used within the same year for a particular stream, only one was used to estimate escapement. An output file named MESSAGE.ESC produced by the program GETESC.EXE was used to identify systems for which multiple survey methods had been used within the same year. A FORTRAN program named DUPLICAT.EXE (Appendix A.2) was also used to search daily escapement files to identify dates on which more than one type of survey method was used. The method used in estimating escapement was the one having:

- 1) the greatest number of surveys during which salmon were observed,
- 2) the greatest temporal survey coverage (e.g. July, August, and September versus July and August), and
- 3) daily counts which built to a well defined peak over the season.

For each year and area in the database, harvests by all gear types were combined with the escapement to obtain daily estimates of total run using the FORTRAN program GETRUN.EXE (Appendix A.3). Although years lacking escapement data were generally not used to build run timing curves, curves based only on harvests were calculated for four mixed stock sockeye

salmon fisheries, Halibut Cove Subdistrict, Halibut Cove Lagoon, Tutka Bay, and Neptune Bay, as well as two fisheries targeting artificially created sockeye salmon runs created by stocking juveniles in lakes that could not be accessed by returning adults, China Poot Bay and Kirschner Lake. We did not do a rigorous check for missing harvest data, and assumed that the fishery was closed if catch data for a particular year were not available within our data files.

Daily cumulative proportions of total run were calculated as:

$$p_i = \frac{\sum_{1}^i C+E}{\sum_{1}^n C+E} \quad (3)$$

where  $p$  = daily cumulative proportion,  $C$  = harvest,  $i$  = date of escapement survey or harvest report, and  $n$  = date of last escapement survey or harvest report. Since harvests did not occur and escapement surveys were not made every day, stair shaped curves were produced in which daily proportions remained unchanged (constant) for several days until new information became available. Plots were visually examined so that meaningless timing curves could be eliminated from further analysis. An example of a meaningless curve would be one with at least six data points but with salmon observed during only one or two of the surveys. Remaining annual curves was combined for each stream or management unit using the FORTRAN program RUNTIME.EXE (Appendix A.4). This program calculated the mean proportion of the run accounted for each day using data from annual curves. Plots of these values are referred to as historical run timing curves. A 90% confidence interval for each curve was also calculated as:

$$90\% C.I. = p \pm t_{0.01} SD \quad (4)$$

where  $p$  = mean daily proportion of total run,  $t_{0.1} = 1.65$ , and  $SD$  = standard deviation. For most curves the total number of surveys included was greater than 120. The use of run proportions avoided scaling problems associated with the great variability in abundance observed among annual runs.

## RESULTS

For the present study, there were sufficient data to derive mean run timing curves for 14 sockeye (Tables 1-15), 26 pink (Tables 16-40), and 25 chum (Tables 41-65) salmon harvest areas. Mean cumulative daily proportions, 90% confidence limits, sample sizes and cumulative proportion plots were produced for each stock or harvest area. Some terminal area fisheries harvest salmon returning to a single stream. For example, harvests within the McNeil River Subdistrict consists primarily of chum salmon returning to McNeil River and sockeye salmon returning to Mikfik Creek. Other terminal area fisheries harvest a mixture of salmon returning to two or more streams. For example, harvests in the Windy Bay Subdistrict consist of pink and chum salmon returning to both Windy Creek Left and Windy Creek Right, while harvests in East Nuka Bay Subdistrict consist of sockeye salmon returning to Desire Lake, Delight Lake, and James Lagoon. Salmon returning to the Port Dick Bay drainages of Head End Creek, Middle Creek, Slide Creek and Island Creek have to run a gauntlet of commercial fisheries at the entrance to Port Dick Subdistrict as well as within Taylor Bay, Port Dick North and Port Dick South sections. Salmon returning to Tacoma Cove and Sunday Harbor, must also travel through this area. Escapements to these drainages are not surveyed, although these stocks must certainly contribute to catches.

## DISCUSSION

Run timing curves have been developed as a tool to help predict total run size of various stocks or stock groups during the commercial fishing season (Yuen 1993). To produce a prediction, the sum of the cumulative catch and escapement to date is divided by the mean proportion of the total run expected for that date.

Mean cumulative daily proportions, 90% confidence limits, and cumulative proportion plots were based on catch and escapement data from 1971, the first year catch data was available, to 1991. These statistics should be recalculated every year as additional data becomes available. However, we have not done this, choosing instead to check the database for errors and inconsistencies. While running the programs for the 1971 to 1991 data, we found the following problems, and suggest the following solutions:

- 1) Both stream and lake data were used to produce run timing statistics for Aialik Lake sockeye salmon. However, Aialik sockeye salmon aerial survey data stored in the *Rbase* database still needs to be compared with the original survey forms to determine which data were inadvertently coded as stream rather than lake counts. Since most sockeye

salmon spawn within the Aialik, the program GETESC.EXE should be revised to only accept lake surveys for Aialik sockeye salmon.

- 2) Two aerial surveys were listed each day for Iniskin River pink and chum salmon beginning with 1971. The original aerial surveys forms need to be found and examined to determine whether one of these surveys was flown for Sugarloaf Creek.
- 3) Two counts were listed each day for 1971 Port Dick weir counts. The original data forms need to be found and examined to determine why this was done.
- 4) Harvest area codes were found in the database that were not included in current harvest code listings (i.e. 23221, 24111, 24112, 24930, 24935, and 24965) and were rejected by the program GETRUN.EXE. We need to determine the harvest areas specified by these codes. The file CODES.LCI may have to be revised to accept these obsolete codes either as unique or existing harvest areas.
- 5) Several dates appear to be out of sequence for 1981 Port Dick weir counts in the *Rbase* database. The original data forms need to be found and examined to determine how to correct this.
- 6) During 1971, 1972, 1973, 1976, and 1981, both ground surveys and weirs were used to count salmon in Port Dick Creek. The original data forms need to be found and examined to determine whether ground surveys were limited to the intertidal zone below the weir. If this occurred, escapement estimates from ground surveys should be generated using GETESC.EXE. These estimates will then need to be manually combined with weir counts before running GETRUN.EXE.
- 7) In 1991, Port Dick chum salmon aerial surveys appeared to stop when ground surveys began. The original data forms need to be found and examined to determine whether this did, in fact, occur. If this occurred, then escapement estimates from both methods need to be calculated using GETESC.EXE. These estimates will then need to be manually combined before running GETRUN.EXE.
- 8) Zeros may have been entered into the database when surveys were flown and counts for that species were not recorded on the original data forms. For example, only zeros were listed for 1983 Island Creek aerial surveys after August 6, although non-zero ground survey counts were listed for chum salmon during this time period. If aerial surveyors were only counting pink salmon, even though chum salmon were present, the *Rbase* file should be revised to indicate that chum surveys were not flown rather than chum survey flown but no chum salmon were seen.

Since few Lower Cook Inlet streams have daily escapement counts and fisheries are not opened every day, our run timing curves are stair shaped. We assigned all escapement estimates for sockeye salmon, as well as weir counts for all species, to the date the count was obtained.

Escapement estimates for pink and chum salmon, which were derived using a stream life estimate, were assigned to the dates midway between actual surveys to avoid what we believe would be an artificially high increase in abundance at the end of the survey period when actual escapements were expected to diminish.

Although salmon occasionally observed in bays and off stream mouths at the end of the survey season were excluded from our calculations, the existing software could be easily modified to use these counts. We chose to disregard these observations since the number of salmon sighted in these areas was at the end of the season and we did not know where these salmon eventually spawned.

## LITERATURE CITED

- Helle, J.H., R. S. Williamson, and J.E. Bailey. 1961. Intertidal ecology and life history of pink salmon at Olsen Creek, Prince William Sound, Alaska. U.S. Fish and Wildlife Service Special Scientific Report. - Fisheries No. 483, Washington, D.C.
- McCurdy, M.L. 1984. Esham District pink salmon streamlife factor study, 1984. Alaska Department of Fish and Game, Division of Commercial Fisheries, Prince William Sound Area Data Report 84-18, Cordova.
- Yuen, H.J. 1993. Software for inseason assessment of salmon runs in Lower Cook Inlet. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 2A93-33, Anchorage.

Table 1.

Halibut Cove Subdistrict sockeye salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	2	0.00	0.00	0.00	1	X					
6	3	0.00	0.00	0.00	2	X					
6	4	0.00	0.00	0.00	4	X					
6	5	0.00	0.00	0.00	7	X					
6	6	0.00	0.00	0.00	10	X					
6	7	0.00	0.00	0.00	10	X					
6	8	0.00	0.01	0.01	14	XH					
6	9	0.00	0.01	0.01	15	XH					
6	10	0.00	0.01	0.01	15	XH					
6	11	0.00	0.01	0.02	16	LX					
6	12	0.00	0.01	0.02	16	LX					
6	13	0.00	0.01	0.02	16	LX					
6	14	0.00	0.01	0.02	16	LX					
6	15	0.00	0.01	0.02	17	LX					
6	16	0.00	0.02	0.03	17	LX					
6	17	0.00	0.02	0.03	18	LX					
6	18	0.01	0.02	0.04	18	LXH					
6	19	0.01	0.02	0.03	19	LXH					
6	20	0.01	0.02	0.04	19	LXH					
6	21	0.01	0.02	0.04	19	LXH					
6	22	0.01	0.02	0.03	21	LXH					
6	23	0.01	0.02	0.04	21	LXH					
6	24	0.01	0.03	0.04	21	XH					
6	25	0.01	0.04	0.06	21	LXH					
6	26	0.01	0.04	0.06	21	LXH					
6	27	0.02	0.05	0.07	21	LXH					
6	28	0.02	0.05	0.08	21	LXH					
6	29	0.03	0.06	0.09	21	LXH					
6	30	0.04	0.07	0.10	21	LXH					
7	1	0.05	0.08	0.11	21	LXH					
7	2	0.07	0.10	0.13	21	LXH					
7	3	0.09	0.13	0.17	21	LXH					
7	4	0.11	0.15	0.18	21	LXH					
7	5	0.13	0.17	0.22	21	LXH					
7	6	0.17	0.21	0.25	21	LXH					
7	7	0.19	0.25	0.31	21	LXH					
7	8	0.22	0.28	0.34	21	LXH					
7	9	0.27	0.34	0.41	21	LXH					
7	10	0.33	0.39	0.45	21	LXH					
7	11	0.38	0.44	0.50	21	LXH					
7	12	0.44	0.50	0.55	21	LXH					
7	13	0.50	0.55	0.61	21	LXH					
7	14	0.55	0.61	0.66	21	LXH					
7	15	0.60	0.65	0.70	21	LXH					
7	16	0.65	0.69	0.74	21	LXH					
7	17	0.70	0.74	0.78	21	LXH					
7	18	0.75	0.80	0.84	21	LXH					
7	19	0.78	0.83	0.87	21	LXH					
7	20	0.83	0.86	0.90	21	LXH					
7	21	0.87	0.90	0.92	21	LXH					
7	22	0.89	0.91	0.94	21	LXH					
7	23	0.92	0.94	0.95	21	LXH					
7	24	0.93	0.95	0.96	21	LXH					
7	25	0.95	0.96	0.98	21	LXH					
7	26	0.96	0.97	0.98	21	LXH					
7	27	0.97	0.98	0.99	21	LX					
7	28	0.97	0.98	0.99	20	X					
7	29	0.97	0.98	0.99	20	X					

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Table 1. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	30	0.98	0.99	0.99	18					XH	
7	31	0.98	0.99	1.00	18					LX	
8	1	0.99	0.99	1.00	18					LX	
8	2	0.99	0.99	1.00	18					LX	
8	3	1.00	1.00	1.00	17					X	
8	4	1.00	1.00	1.00	14					X	
8	5	1.00	1.00	1.00	13					X	
8	6	1.00	1.00	1.00	12					X	
8	7	1.00	1.00	1.00	11					X	
8	8	1.00	1.00	1.00	10					X	
8	9	1.00	1.00	1.00	8					X	
8	10	1.00	1.00	1.00	8					X	
8	11	1.00	1.00	1.00	7					X	
8	12	1.00	1.00	1.00	5					X	
8	13	1.00	1.00	1.00	5					X	
8	14	1.00	1.00	1.00	5					X	
8	15	1.00	1.00	1.00	3					X	
8	16	1.00	1.00	1.00	3					X	
8	17	1.00	1.00	1.00	2					X	
8	18	1.00	1.00	1.00	2					X	
8	19	1.00	1.00	1.00	1					X	

Table 2. Halibut Cove Lagoon sockeye salmon mean daily cumulative proportion of total run, 90 confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	29	0.00	0.01	0.00	1	X					
6	30	0.00	0.02	0.00	1	X					
7	1	0.00	0.02	0.00	1	X					
7	2	0.00	0.02	0.00	1	X					
7	3	0.00	0.05	0.00	1	X					
7	4	0.00	0.16	0.00	1		X				
7	5	0.00	0.15	0.39	2	L	X		H		
7	6	0.00	0.13	0.34	3	L	X	H			
7	7	0.00	0.16	0.40	3	L	X	H			
7	8	0.00	0.17	0.44	3	L	X		H		
7	9	0.00	0.15	0.34	4	L	X	H			
7	10	0.05	0.28	0.51	4	L	X		H		
7	11	0.10	0.32	0.54	4	L	X	H			
7	12	0.13	0.38	0.62	4	L	X		H		
7	13	0.16	0.39	0.62	4	L	X	H			
7	14	0.22	0.43	0.63	4	L	X		H		
7	15	0.25	0.46	0.66	4	L	X		H		
7	16	0.31	0.50	0.69	4	L	X		H		
7	17	0.31	0.52	0.73	4	L	X		H		
7	18	0.38	0.58	0.79	4	L	X		H		
7	19	0.39	0.60	0.81	4	L	X		H		
7	20	0.41	0.62	0.84	4	L	X		H		
7	21	0.42	0.64	0.85	4	L	X		H		
7	22	0.43	0.65	0.87	4	L	X		H		
7	23	0.61	0.75	0.88	4		L	X	H		
7	24	0.65	0.78	0.92	4		L	X	H		
7	25	0.74	0.84	0.95	4		L	X	H		
7	26	0.83	0.91	0.99	4		L	X	H		
7	27	0.84	0.92	0.99	4		L	X	H		
7	28	0.85	0.93	1.00	4		L	X	H		
7	29	0.86	0.94	1.00	4		L	X	H		
7	30	0.94	0.97	1.00	4			L	XH		
7	31	0.97	0.99	1.00	4				LXH		
8	1	0.97	0.99	1.00	4					LXH	
8	2	0.98	0.99	1.00	4					XH	
8	3	0.99	1.00	1.00	4					X	
8	4	0.99	0.99	1.00	3					LX	
8	5	0.99	1.00	1.00	3					X	
8	6	1.00	1.00	1.00	2					X	
8	7	1.00	1.00	1.00	1					X	
8	8	1.00	1.00	1.00	1					X	
8	9	1.00	1.00	1.00	1					X	
8	10	1.00	1.00	1.00	1					X	
8	11	1.00	1.00	1.00	1					X	

Table 3. China Poot Bay sockeye salmon mean daily cumulative proportion of total run, 90 confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	24	0.00	0.00	0.00	1	X					
6	25	0.00	0.00	0.00	2	X					
6	26	0.00	0.00	0.00	3	X					
6	27	0.00	0.01	0.02	4	XH					
6	28	0.00	0.01	0.02	4	LX					
6	29	0.00	0.02	0.03	4	LXH					
6	30	0.00	0.02	0.04	4	LXH					
7	1	0.00	0.04	0.09	4	L X H					
7	2	0.01	0.05	0.10	4	L X H					
7	3	0.03	0.07	0.11	4	LX H					
7	4	0.05	0.11	0.17	4	L X H					
7	5	0.06	0.13	0.19	4	L X H					
7	6	0.08	0.16	0.23	4	L X H					
7	7	0.10	0.17	0.25	4	L X H					
7	8	0.12	0.20	0.28	4	L X H					
7	9	0.16	0.23	0.29	4	L X H					
7	10	0.21	0.25	0.30	4	L X H					
7	11	0.23	0.33	0.43	4	L X H					
7	12	0.24	0.36	0.48	4	L X H					
7	13	0.27	0.41	0.55	4	L X H					
7	14	0.27	0.43	0.58	4	L X H					
7	15	0.32	0.47	0.62	4	L X H					
7	16	0.43	0.54	0.64	4	L X H					
7	17	0.57	0.64	0.71	4	L X H					
7	18	0.65	0.73	0.80	4	L X H					
7	19	0.72	0.78	0.84	4	L X H					
7	20	0.76	0.80	0.85	4	L X H					
7	21	0.77	0.83	0.88	4	L X H					
7	22	0.80	0.86	0.92	4	L X H					
7	23	0.88	0.90	0.92	4	LXH					
7	24	0.92	0.93	0.94	4	XH					
7	25	0.94	0.95	0.97	4	LX					
7	26	0.96	0.97	0.98	4	XH					
7	27	0.96	0.97	0.99	4	LX					
7	28	0.96	0.98	1.00	4	LXH					
7	29	0.97	0.98	1.00	4	LXH					
7	30	0.98	0.99	1.00	3	XH					
7	31	0.99	1.00	1.00	3	X					
8	1	1.00	1.00	1.00	3	X					
8	2	1.00	1.00	1.00	2	X					
8	3	1.00	1.00	1.00	2	X					
8	4	1.00	1.00	1.00	2	X					
8	5	1.00	1.00	1.00	2	X					
8	6	1.00	1.00	1.00	1	X					
8	7	1.00	1.00	1.00	1	X					
8	8	1.00	1.00	1.00	1	X					
8	9	1.00	1.00	1.00	1	X					
8	10	1.00	1.00	1.00	1	X					
8	11	1.00	1.00	1.00	1	X					
8	12	1.00	1.00	1.00	1	X					
8	13	1.00	1.00	1.00	1	X					
8	14	1.00	1.00	1.00	1	X					
8	15	1.00	1.00	1.00	1	X					
8	16	1.00	1.00	1.00	1	X					

Table 4. Neptune Bay sockeye salmon mean daily cumulative proportion of total run, 90 confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	27	0.00	0.00	0.00	1	X					
6	28	0.00	0.00	0.00	1	X					
6	29	0.00	0.00	0.00	1	X					
6	30	0.00	0.00	0.00	1	X					
7	1	0.00	0.00	0.00	1	X					
7	2	0.00	0.00	0.00	1	X					
7	3	0.00	0.00	0.00	1	X					
7	4	0.00	0.00	0.00	1	X					
7	5	0.00	0.00	0.00	1	X					
7	6	0.00	0.00	0.00	1	X					
7	7	0.00	0.00	0.00	1	X					
7	8	0.00	0.02	0.00	1	X					
7	9	0.00	0.02	0.00	1	X					
7	10	0.00	0.02	0.00	1	X					
7	11	0.00	0.03	0.00	1	X					
7	12	0.00	0.05	0.00	1	X					
7	13	0.00	0.05	0.00	1	X					
7	14	0.00	0.05	0.00	1	X					
7	15	0.00	0.21	0.00	1		X				
7	16	0.00	0.28	0.00	1		X				
7	17	0.00	0.33	0.00	1		X				
7	18	0.00	0.45	0.00	1			X			
7	19	0.00	0.55	0.00	1			X			
7	20	0.00	0.57	0.00	1				X		
7	21	0.00	0.57	0.00	1				X		
7	22	0.00	0.78	0.00	1					X	
7	23	0.00	0.84	0.00	1					X	
7	24	0.00	0.90	0.00	1						X
7	25	0.00	0.91	0.00	1						X
7	26	0.00	0.93	0.00	1						X
7	27	0.00	0.93	0.00	1						X
7	28	0.00	0.93	0.00	1						X
7	29	0.00	0.97	0.00	1						X
7	30	0.00	0.97	0.00	1						X
7	31	0.00	0.97	0.00	1						X
8	1	0.00	0.99	0.00	1						X
8	2	0.00	0.99	0.00	1						X
8	3	0.00	0.99	0.00	1						X
8	4	0.00	0.99	0.00	1						X
8	5	0.00	1.00	0.00	1						X
8	6	0.00	1.00	0.00	1						X

Table 5. Tutka Bay sockeye salmon mean daily cumulative proportion of total run, 90 confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	2	0.00	0.01	0.01	4	X					
6	3	0.01	0.01	0.02	7	LX					
6	4	0.01	0.01	0.02	12	LX					
6	5	0.01	0.02	0.03	15	X					
6	6	0.02	0.03	0.04	18	XH					
6	7	0.02	0.03	0.04	20	LX					
6	8	0.03	0.04	0.05	21	XH					
6	9	0.04	0.05	0.07	21	LX					
6	10	0.05	0.06	0.08	21	LXH					
6	11	0.05	0.07	0.09	21	LX					
6	12	0.06	0.08	0.10	21	LXH					
6	13	0.07	0.09	0.11	21	L XH					
6	14	0.08	0.10	0.12	21	LXH					
6	15	0.08	0.11	0.14	21	LX H					
6	16	0.09	0.12	0.15	21	LXH					
6	17	0.10	0.13	0.16	21	LX H					
6	18	0.11	0.14	0.17	21	L XH					
6	19	0.11	0.15	0.18	21	LX H					
6	20	0.12	0.15	0.19	21	L XH					
6	21	0.13	0.17	0.20	21	LX H					
6	22	0.14	0.18	0.21	21	L X H					
6	23	0.15	0.19	0.22	21	LX H					
6	24	0.16	0.19	0.23	21	L XH					
6	25	0.18	0.21	0.25	21	L X H					
6	26	0.19	0.23	0.27	21	L X H					
6	27	0.20	0.24	0.29	21	L X H					
6	28	0.22	0.26	0.31	21	L X H					
6	29	0.24	0.28	0.33	21	LX H					
6	30	0.26	0.30	0.35	21	L X H					
7	1	0.27	0.32	0.36	21	L X H					
7	2	0.29	0.34	0.39	21	L X H					
7	3	0.31	0.37	0.42	21	L X H					
7	4	0.35	0.40	0.45	21	L X H					
7	5	0.37	0.42	0.48	21	LX H					
7	6	0.40	0.46	0.51	21	L X H					
7	7	0.43	0.49	0.54	21	L X H					
7	8	0.46	0.52	0.57	21	L X H					
7	9	0.50	0.55	0.61	21	L X H					
7	10	0.54	0.59	0.64	21	L X H					
7	11	0.57	0.62	0.67	21	L X H					
7	12	0.61	0.66	0.70	21	L X H					
7	13	0.64	0.69	0.73	21	L X H					
7	14	0.68	0.73	0.77	21	L X H					
7	15	0.71	0.75	0.79	21	L X H					
7	16	0.74	0.78	0.82	21	L X H					
7	17	0.77	0.81	0.84	21	L X H					
7	18	0.80	0.84	0.87	21	L X H					
7	19	0.83	0.86	0.90	21	LX H					
7	20	0.85	0.88	0.91	21	LX H					
7	21	0.88	0.90	0.93	21	LXH					
7	22	0.89	0.91	0.94	21	L X H					
7	23	0.90	0.93	0.95	21	LX H					
7	24	0.91	0.94	0.96	21	LXH					
7	25	0.92	0.94	0.97	21	LXH					
7	26	0.93	0.95	0.97	21	LXH					
7	27	0.94	0.96	0.98	21	LXH					
7	28	0.94	0.96	0.98	21	LXH					
7	29	0.95	0.96	0.98	21	LXH					

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Table 5. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	30	0.95	0.97	0.98	20					XH	
7	31	0.95	0.97	0.98	20					XH	
8	1	0.96	0.97	0.99	20				LX		
8	2	0.96	0.97	0.99	20				LX		
8	3	0.97	0.98	0.99	20				LX		
8	4	0.97	0.98	0.99	20				LXH		
8	5	0.97	0.98	0.99	20				XH		
8	6	0.97	0.98	0.99	19				XH		
8	7	0.97	0.98	0.99	18				XH		
8	8	0.97	0.98	0.99	17				XH		
8	9	0.98	0.98	0.99	16				XH		
8	10	0.98	0.99	0.99	16				XH		
8	11	0.98	0.99	1.00	16				XH		
8	12	0.98	0.99	1.00	16				XH		
8	13	0.98	0.99	1.00	16				LX		
8	14	0.99	0.99	1.00	15				LX		
8	15	0.99	0.99	1.00	11				LX		
8	16	0.99	0.99	1.00	11				LX		
8	17	0.99	0.99	1.00	9				LX		
8	18	0.99	0.99	1.00	9				LX		
8	19	0.99	0.99	1.00	9				LX		
8	20	0.99	0.99	1.00	8				LX		
8	21	0.99	0.99	1.00	8				X		
8	22	0.99	1.00	1.00	8				X		
8	23	0.99	1.00	1.00	7				X		
8	24	1.00	1.00	1.00	6				X		
8	25	1.00	1.00	1.00	6				X		
8	26	1.00	1.00	1.00	6				X		
8	27	1.00	1.00	1.00	6				X		
8	28	1.00	1.00	1.00	4				X		
8	29	1.00	1.00	1.00	2				X		
8	30	1.00	1.00	1.00	2				X		
8	31	1.00	1.00	1.00	2				X		
9	1	1.00	1.00	1.00	2				X		
9	2	1.00	1.00	1.00	1				X		
9	3	1.00	1.00	1.00	1				X		
9	4	1.00	1.00	1.00	1				X		
9	5	1.00	1.00	1.00	1				X		

Mo	Da	Low	Mean	Hi	n	0.0	0.2	0.4	0.6	0.8	1.0

Table 6. English Bay sockeye salmon mean daily cumulative proportion of total run, 90 confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	1	0.00	0.01	0.04	2	LXH					
6	2	0.00	0.03	0.07	2	LX H					
6	3	0.00	0.03	0.06	3	LX H					
6	4	0.00	0.02	0.05	4	LXH					
6	5	0.01	0.04	0.08	5	LX H					
6	6	0.02	0.05	0.07	6	LX H					
6	7	0.02	0.05	0.07	7	LXH					
6	8	0.03	0.06	0.08	7	L X H					
6	9	0.03	0.07	0.10	7	LX H					
6	10	0.04	0.09	0.14	7	L X H					
6	11	0.05	0.10	0.15	7	L X H					
6	12	0.05	0.11	0.16	7	L X H					
6	13	0.06	0.11	0.17	7	L X H					
6	14	0.08	0.13	0.19	7	L X H					
6	15	0.08	0.15	0.21	7	L X H					
6	16	0.09	0.16	0.23	7	L X H					
6	17	0.08	0.19	0.31	7	L X H					
6	18	0.09	0.21	0.34	7	L X H					
6	19	0.12	0.24	0.36	7	L X H					
6	20	0.13	0.25	0.36	7	L X H					
6	21	0.15	0.26	0.37	7	L X H					
6	22	0.15	0.27	0.38	7	L X H					
6	23	0.14	0.28	0.41	7	L X H					
6	24	0.15	0.29	0.42	7	L X H					
6	25	0.15	0.29	0.43	7	L X H					
6	26	0.17	0.31	0.46	7	L X H					
6	27	0.19	0.34	0.50	7	L X H					
6	28	0.21	0.36	0.51	7	L X H					
6	29	0.25	0.40	0.55	7	L X H					
6	30	0.35	0.48	0.61	7	L X H					
7	1	0.35	0.49	0.62	7	L X H					
7	2	0.35	0.49	0.62	7	L X H					
7	3	0.45	0.59	0.73	7	L X H					
7	4	0.46	0.60	0.74	7	L X H					
7	5	0.51	0.64	0.78	7	L X H					
7	6	0.51	0.64	0.78	7	L X H					
7	7	0.52	0.65	0.78	7	L X H					
7	8	0.53	0.66	0.80	7	L X H					
7	9	0.57	0.70	0.84	7	L X H					
7	10	0.57	0.70	0.84	7	L X H					
7	11	0.57	0.71	0.84	7	L X H					
7	12	0.66	0.78	0.91	7	L X H					
7	13	0.73	0.82	0.90	7	L X H					
7	14	0.74	0.82	0.90	7	L X H					
7	15	0.76	0.84	0.91	7	L X H					
7	16	0.77	0.85	0.92	7	L X H					
7	17	0.80	0.87	0.95	7	L X H					
7	18	0.78	0.85	0.93	6	L X H					
7	19	0.80	0.87	0.95	6	L X H					
7	20	0.80	0.87	0.95	6	L X H					
7	21	0.81	0.88	0.95	6	L X H					
7	22	0.81	0.89	0.96	6	L X H					
7	23	0.82	0.89	0.96	6	L X H					
7	24	0.90	0.94	0.97	6	L X H					
7	25	0.91	0.94	0.97	6	LX H					
7	26	0.92	0.95	0.97	6	LX H					
7	27	0.92	0.95	0.98	6	LX H					
7	28	0.93	0.95	0.98	6	L X H					

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Table 6. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	29	0.93	0.96	0.98	6						LXH
7	30	0.94	0.96	0.98	6						LXH
7	31	0.95	0.97	0.98	6						LXH
8	1	0.96	0.97	0.99	6						LX
8	2	0.96	0.97	0.99	6						LX
8	3	0.96	0.98	0.99	6						LX
8	4	0.97	0.98	0.99	6						LX
8	5	0.97	0.98	0.99	6						XH
8	6	0.98	0.98	0.99	6						XH
8	7	0.98	0.99	0.99	6						XH
8	8	0.98	0.99	0.99	6						XH
8	9	0.98	0.99	0.99	6						XH
8	10	0.98	0.99	1.00	6						XH
8	11	0.98	0.99	1.00	5						XH
8	12	0.98	0.99	1.00	5						XH
8	13	0.98	0.99	1.00	5						XH
8	14	0.99	0.99	1.00	5						LX
8	15	0.99	0.99	1.00	5						LX
8	16	0.99	0.99	1.00	5						LX
8	17	0.99	0.99	1.00	5						LX
8	18	0.99	0.99	1.00	5						LX
8	19	0.99	0.99	1.00	5						LX
8	20	0.99	0.99	1.00	5						X
8	21	0.99	1.00	1.00	5						X
8	22	0.99	1.00	1.00	5						X
8	23	0.99	1.00	1.00	5						X
8	24	0.99	1.00	1.00	5						X
8	25	0.99	1.00	1.00	5						X
8	26	1.00	1.00	1.00	5						X
8	27	1.00	1.00	1.00	5						X
8	28	1.00	1.00	1.00	5						X
8	29	1.00	1.00	1.00	5						X
8	30	1.00	1.00	1.00	5						X
8	31	1.00	1.00	1.00	5						X
9	1	1.00	1.00	1.00	5						X
9	2	1.00	1.00	1.00	5						X
9	3	1.00	1.00	1.00	5						X
9	4	1.00	1.00	1.00	4						X
9	5	1.00	1.00	1.00	4						X
9	6	1.00	1.00	1.00	4						X
9	7	1.00	1.00	1.00	4						X
9	8	1.00	1.00	1.00	4						X
9	9	1.00	1.00	1.00	4						X
9	10	1.00	1.00	1.00	2						X
9	11	1.00	1.00	1.00	2						X
9	12	1.00	1.00	1.00	1						X
9	13	1.00	1.00	1.00	1						X
9	14	1.00	1.00	1.00	1						X
9	15	1.00	1.00	1.00	1						X

Mo	Da	Low	Mean	Hi	n	0.0	0.2	0.4	0.6	0.8	1.0

Table 7. Port Dick sockeye salmon mean daily cumulative proportion of total run, 90 confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	14	0.00	0.01	0.00	1	X					
7	15	0.00	0.01	0.00	1	X					
7	16	0.00	0.01	0.00	1	X					
7	17	0.00	0.01	0.00	1	X					
7	18	0.00	0.01	0.00	1	X					
7	19	0.00	0.36	0.00	1		X				
7	20	0.00	0.36	0.00	1		X				
7	21	0.00	0.36	0.00	1		X				
7	22	0.00	0.36	0.00	1		X				
7	23	0.00	0.36	0.00	1		X				
7	24	0.00	0.36	0.00	1		X				
7	25	0.00	0.36	0.00	1		X				
7	26	0.00	0.36	0.00	1		X				
7	27	0.00	0.36	0.00	1		X				
7	28	0.00	0.36	0.00	1		X				
7	29	0.00	0.36	0.00	1		X				
7	30	0.00	0.66	0.00	1			X			
7	31	0.00	0.66	0.00	1			X			
8	1	0.00	0.85	0.00	1				X		
8	2	0.00	0.95	0.00	1					X	
8	3	0.00	0.98	0.00	1					X	
8	4	0.00	0.98	0.00	1					X	
8	5	0.00	0.98	0.00	1					X	
8	6	0.00	0.98	0.00	1					X	
8	7	0.00	0.99	0.00	1					X	
8	8	0.00	0.99	0.00	1					X	
8	9	0.00	1.00	0.00	1					X	
8	10	0.00	1.00	0.00	1					X	
8	11	0.00	1.00	0.00	1					X	
8	12	0.00	1.00	0.00	1					X	
8	13	0.00	1.00	0.00	1					X	
8	14	0.00	1.00	0.00	1					X	
8	15	0.00	1.00	0.00	1					X	
8	16	0.00	1.00	0.00	1					X	
8	17	0.00	1.00	0.00	1					X	
8	18	0.00	1.00	0.00	1					X	
8	19	0.00	1.00	0.00	1					X	
8	20	0.00	1.00	0.00	1					X	

Table 8. East Arm Nuka sockeye salmon mean daily cumulative proportion of total run, 90 confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	5	0.00	0.00	0.00	1	X					
6	6	0.00	0.00	0.00	1	X					
6	7	0.00	0.00	0.00	1	X					
6	8	0.00	0.00	0.00	1	X					
6	9	0.00	0.00	0.00	2	X					
6	10	0.00	0.02	0.04	3	LXH					
6	11	0.00	0.02	0.04	3	LXH					
6	12	0.00	0.02	0.05	3	LXH					
6	13	0.01	0.02	0.04	7	LXH					
6	14	0.01	0.03	0.04	8	LXH					
6	15	0.01	0.03	0.05	9	LXH					
6	16	0.02	0.03	0.05	10	LXH					
6	17	0.02	0.05	0.08	12	LX H					
6	18	0.02	0.05	0.08	12	L X H					
6	19	0.03	0.06	0.10	12	L X H					
6	20	0.04	0.08	0.12	12	L X H					
6	21	0.05	0.10	0.14	13	L X H					
6	22	0.07	0.11	0.15	13	L X H					
6	23	0.07	0.12	0.16	13	L X H					
6	24	0.08	0.12	0.16	14	L X H					
6	25	0.08	0.13	0.18	15	L X H					
6	26	0.11	0.17	0.22	15	L X H					
6	27	0.12	0.18	0.25	15	L X H					
6	28	0.16	0.24	0.31	15	L X H					
6	29	0.17	0.25	0.33	15	L X H					
6	30	0.20	0.28	0.36	15	L X H					
7	1	0.23	0.32	0.40	15	L X H					
7	2	0.25	0.34	0.43	15	L X H					
7	3	0.28	0.37	0.46	15	L X H					
7	4	0.30	0.39	0.48	15	L X H					
7	5	0.34	0.43	0.52	15	L X H					
7	6	0.36	0.46	0.55	15	L X H					
7	7	0.39	0.50	0.60	15	L X H					
7	8	0.42	0.52	0.63	15	L X H					
7	9	0.47	0.56	0.66	15	L X H					
7	10	0.51	0.59	0.68	15	L X H					
7	11	0.54	0.64	0.74	15	L X H					
7	12	0.57	0.67	0.77	15	L X H					
7	13	0.60	0.70	0.80	15	L X H					
7	14	0.64	0.74	0.84	15	L X H					
7	15	0.64	0.74	0.84	14	L X H					
7	16	0.67	0.77	0.87	14	L X H					
7	17	0.69	0.79	0.89	14	L X H					
7	18	0.71	0.81	0.91	14	L X H					
7	19	0.73	0.83	0.93	14	L X H					
7	20	0.74	0.84	0.94	14	L X H					
7	21	0.75	0.84	0.94	14	L X H					
7	22	0.75	0.85	0.95	14	L X H					
7	23	0.76	0.86	0.96	14	L X H					
7	24	0.76	0.86	0.96	14	L X H					
7	25	0.77	0.87	0.97	14	L X H					
7	26	0.77	0.88	0.99	13	L X H					
7	27	0.76	0.87	0.99	12	L X H					
7	28	0.76	0.87	0.99	12	L X H					
7	29	0.76	0.88	1.00	12	L X H					
7	30	0.77	0.88	1.00	12	L X H					
7	31	0.77	0.89	1.00	12	L X H					
8	1	0.78	0.90	1.00	12	L X H					

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Table 8. (page 2 of 2)

Mo	Day	Low	Mean	Hi	n	0.0	0.2	0.4	0.6	0.8	1.0
8	2	0.76	0.89	1.00	11				L	X	H
8	3	0.74	0.89	1.00	10				L	X	H
8	4	0.75	0.89	1.00	10				L	X	H
8	5	0.69	0.87	1.00	8			L		X	H
8	6	0.69	0.87	1.00	8			L		X	H
8	7	0.70	0.87	1.00	8			L		X	H
8	8	0.70	0.88	1.00	8			L		X	H
8	9	0.66	0.86	1.00	7			L		X	H
8	10	0.66	0.86	1.00	7			L		X	H
8	11	0.98	0.99	0.99	7						XH
8	12	0.98	0.99	0.99	6						XH
8	13	0.98	0.99	1.00	6						XH
8	14	0.98	0.99	1.00	6						LX
8	15	0.98	0.99	1.00	5						LX
8	16	0.99	0.99	1.00	5						LX
8	17	0.99	0.99	1.00	5						LX
8	18	0.99	0.99	1.00	5						LX
8	19	1.00	1.00	1.00	4						X
8	20	1.00	1.00	1.00	3						X
8	21	1.00	1.00	1.00	3						X
8	22	1.00	1.00	1.00	3						X
8	23	1.00	1.00	1.00	3						X
8	24	1.00	1.00	1.00	3						X
8	25	1.00	1.00	1.00	3						X
8	26	1.00	1.00	1.00	2						X
8	27	1.00	1.00	1.00	2						X
8	28	1.00	1.00	1.00	2						X
8	29	1.00	1.00	1.00	2						X
8	30	1.00	1.00	1.00	2						X
8	31	1.00	1.00	1.00	2						X
9	1	1.00	1.00	1.00	1						X

Mo	Da	Low	Mean	Hi	n	0.0	0.2	0.4	0.6	0.8	1.0

Table 9. Aialik Bay sockeye salmon mean daily cumulative proportion of total run, 90 confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	20	0.00	0.06	0.00	1	X					
6	21	0.00	0.09	0.00	1		X				
6	22	0.00	0.11	0.00	1		X				
6	23	0.00	0.11	0.00	1		X				
6	24	0.00	0.11	0.00	1		X				
6	25	0.00	0.06	0.17	2	L	X	H			
6	26	0.00	0.05	0.13	3	L	X	H			
6	27	0.01	0.10	0.19	4	L	X	H			
6	28	0.03	0.10	0.18	6	L	X	H			
6	29	0.04	0.11	0.19	6	L	X	H			
6	30	0.03	0.12	0.21	7	L	X	H			
7	1	0.07	0.16	0.25	7	L	X	H			
7	2	0.07	0.16	0.25	7	L	X	H			
7	3	0.09	0.19	0.28	8	L	X	H			
7	4	0.09	0.19	0.28	8	L	X	H			
7	5	0.12	0.21	0.30	8	L	X	H			
7	6	0.15	0.27	0.40	8	L	X	H			
7	7	0.18	0.30	0.42	8	L	X	H			
7	8	0.18	0.30	0.43	8	L	X	H			
7	9	0.21	0.33	0.45	8	L	X	H			
7	10	0.25	0.37	0.50	8	L	X	H			
7	11	0.25	0.38	0.50	8	L	X	H			
7	12	0.26	0.38	0.51	8	L	X	H			
7	13	0.31	0.46	0.60	8	L	X	H			
7	14	0.44	0.56	0.69	8	L	X	H			
7	15	0.45	0.60	0.74	8	L	X	H			
7	16	0.46	0.61	0.76	8	L	X	H			
7	17	0.46	0.61	0.77	8	L	X	H			
7	18	0.57	0.67	0.77	8	L	X	H			
7	19	0.60	0.70	0.80	8	L	X	H			
7	20	0.60	0.70	0.81	8	L	X	H			
7	21	0.60	0.71	0.81	8	L	X	H			
7	22	0.67	0.75	0.83	8	L	X	H			
7	23	0.68	0.76	0.84	8	L	X	H			
7	24	0.74	0.83	0.91	8	L	X	H			
7	25	0.84	0.90	0.97	7		L	X	H		
7	26	0.82	0.90	0.97	6		L	X	H		
7	27	0.84	0.93	1.00	6		L		X	H	
7	28	0.82	0.92	1.00	5		L		X	H	
7	29	0.82	0.92	1.00	5		L		X	H	
7	30	0.78	0.90	1.00	4		L		X	H	
7	31	0.96	0.98	1.00	4				LXH		
8	1	0.96	0.98	1.00	4				LXH		
8	2	0.99	0.99	1.00	4				LX		
8	3	0.98	0.99	1.00	3				LX		
8	4	0.98	0.99	1.00	3				LX		
8	5	0.98	0.99	1.00	3				LX		
8	6	0.98	0.99	1.00	2				XH		
8	7	0.98	0.99	1.00	2				LX		
8	8	0.98	0.99	1.00	1				X		
8	9	0.98	0.99	1.00	1				X		
8	10	0.98	0.99	1.00	1				X		
8	11	0.98	0.99	1.00	1				X		
8	12	0.98	0.99	1.00	1				X		
8	13	0.98	0.99	1.00	1				X		
8	14	0.98	0.99	1.00	1				X		
8	15	0.98	0.99	1.00	1				X		
8	16	0.98	0.99	1.00	1				X		

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Table 9. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	17	0.98	0.99	1.00	1						X
8	18	0.98	0.99	1.00	1						X
8	19	0.98	1.00	1.00	1						X
8	20	0.98	1.00	1.00	1						X
8	21	0.98	1.00	1.00	1						X
8	22	0.98	1.00	1.00	1						X
8	23	0.98	1.00	1.00	1						X

Table 10. Kirschner Lake sockeye salmon mean daily cumulative proportion of total run, 90 confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	8	0.00	0.00	0.00	1	X					
7	9	0.00	0.00	0.00	1	X					
7	10	0.00	0.01	0.00	1	X					
7	11	0.00	0.01	0.00	1	X					
7	12	0.00	0.01	0.00	1	X					
7	13	0.00	0.01	0.00	1	X					
7	14	0.00	0.01	0.00	1	X					
7	15	0.00	0.01	0.00	1	X					
7	16	0.00	0.01	0.00	1	X					
7	17	0.00	0.01	0.00	1	X					
7	18	0.00	0.18	0.40	2	L	X	H			
7	19	0.01	0.20	0.39	2	L	X	H			
7	20	0.01	0.20	0.39	2	L	X	H			
7	21	0.00	0.30	0.65	2	L	X		H		
7	22	0.08	0.35	0.62	2	L	X		H		
7	23	0.09	0.32	0.54	3	L	X	H			
7	24	0.23	0.45	0.68	3	L	X		H		
7	25	0.26	0.54	0.82	4	L	X		H		
7	26	0.38	0.62	0.85	4	L	X		H		
7	27	0.33	0.53	0.73	3	L	X	H			
7	28	0.33	0.53	0.73	3	L	X	H			
7	29	0.42	0.57	0.71	3	L	X	H			
7	30	0.46	0.59	0.72	3	L	X	H			
7	31	0.51	0.61	0.71	3	L	X	H			
8	1	0.58	0.64	0.69	3	L	X	H			
8	2	0.64	0.78	0.91	3	L	X	H			
8	3	0.65	0.82	1.00	3	L	X	X	H		
8	4	0.55	0.75	0.94	2	L	X		H		
8	5	0.53	0.77	1.00	2	L	X		H		
8	6	0.62	0.86	1.00	2	L	X		H		
8	7	0.62	0.97	1.00	1					X	
8	8	0.62	0.97	1.00	1					X	
8	9	0.62	0.97	1.00	1					X	
8	10	0.62	0.97	1.00	1					X	
8	11	0.62	0.97	1.00	1					X	
8	12	0.62	0.97	1.00	1					X	
8	13	0.62	1.00	1.00	1					X	

Table 11. Bruin Bay sockeye salmon mean daily cumulative proportion of total run, 90 confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	9	0.02	0.02	0.03	2	X					
6	10	0.01	0.02	0.03	3	LX					
6	11	0.01	0.02	0.03	3	LX					
6	12	0.00	0.05	0.12	3	L X H					
6	13	0.02	0.08	0.14	4	L X H					
6	14	0.02	0.07	0.12	5	L X H					
6	15	0.06	0.09	0.13	5	L XH					
6	16	0.06	0.12	0.19	5	L X H					
6	17	0.09	0.19	0.28	5	L X H					
6	18	0.09	0.19	0.28	5	L X H					
6	19	0.09	0.19	0.28	5	L X H					
6	20	0.09	0.19	0.28	5	L X H					
6	21	0.17	0.33	0.48	6	L X H					
6	22	0.17	0.33	0.48	6	L X H					
6	23	0.18	0.33	0.48	6	L X H					
6	24	0.18	0.33	0.48	6	L X H					
6	25	0.20	0.37	0.54	6	L X H					
6	26	0.20	0.37	0.54	6	L X H					
6	27	0.20	0.37	0.54	6	L X H					
6	28	0.21	0.38	0.54	6	L X H					
6	29	0.25	0.41	0.57	6	L X H					
6	30	0.25	0.41	0.57	6	L X H					
7	1	0.33	0.45	0.58	6	L X H					
7	2	0.27	0.41	0.54	7	L X H					
7	3	0.29	0.42	0.55	7	L X H					
7	4	0.29	0.42	0.55	7	L X H					
7	5	0.28	0.46	0.63	7	L X H					
7	6	0.33	0.40	0.47	6	L X H					
7	7	0.34	0.41	0.48	6	L X H					
7	8	0.44	0.60	0.77	6	L X H					
7	9	0.44	0.60	0.77	6	L X H					
7	10	0.56	0.75	0.95	6	L X H					
7	11	0.40	0.63	0.86	4	L X H					
7	12	0.40	0.63	0.86	4	L X H					
7	13	0.40	0.64	0.88	4	L X H					
7	14	0.49	0.77	1.00	3	L X H					
7	15	0.49	0.77	1.00	3	L X H					
7	16	0.49	0.77	1.00	3	L X H					
7	17	0.49	0.77	1.00	3	L X H					
7	18	0.49	0.77	1.00	3	L X H					
7	19	0.49	0.77	1.00	3	L X H					
7	20	0.49	0.77	1.00	3	L X H					
7	21	0.25	0.60	0.95	4	L X H					
7	22	0.25	0.60	0.95	4	L X H					
7	23	0.25	0.60	0.95	4	L X H					
7	24	0.25	0.60	0.95	4	L X H					
7	25	0.25	0.60	0.95	4	L X H					
7	26	0.57	0.78	0.98	4	L X H					
7	27	0.57	0.78	0.98	4	L X H					
7	28	0.57	0.78	0.99	4	L X H					
7	29	0.57	0.78	0.99	4	L X H					
7	30	0.58	0.79	1.00	4	L X H					
7	31	0.58	0.79	1.00	4	L X H					
8	1	0.58	0.79	1.00	4	L X H					
8	2	0.58	0.80	1.00	4	L X H					
8	3	0.47	0.74	1.00	3	L X H					
8	4	0.47	0.74	1.00	3	L X H					
8	5	0.47	0.74	1.00	3	L X H					

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Table 11. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	6	0.50	0.81	1.00	3			L		X	H
8	7	0.25	0.72	1.00	2		L			X	H
8	8	0.25	0.72	1.00	2		L			X	H
8	9	0.25	0.72	1.00	2		L			X	H
8	10	0.25	0.72	1.00	2		L			X	H
8	11	0.25	0.44	1.00	1			X			
8	12	0.25	1.00	1.00	1						X

Table 12. Chenik Lake sockeye salmon mean daily cumulative proportion of total run, 90 confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	18	0.00	0.00	0.00	1	X					
6	19	0.00	0.00	0.00	1	X					
6	20	0.00	0.01	0.00	1	X					
6	21	0.00	0.01	0.00	1	X					
6	22	0.00	0.03	0.00	1	X					
6	23	0.00	0.02	0.06	2	L X H					
6	24	0.00	0.03	0.09	2	L X H					
6	25	0.00	0.04	0.10	2	L X H					
6	26	0.00	0.05	0.13	3	L X H					
6	27	0.00	0.08	0.19	3	L X H					
6	28	0.00	0.09	0.21	3	L X H					
6	29	0.00	0.10	0.24	3	L X H					
6	30	0.00	0.11	0.23	4	L X H					
7	1	0.04	0.19	0.35	5	L X H					
7	2	0.14	0.34	0.53	5	L X H					
7	3	0.20	0.36	0.51	6	L X H					
7	4	0.22	0.37	0.52	6	L X H					
7	5	0.24	0.39	0.54	6	L X H					
7	6	0.19	0.34	0.50	7	L X H					
7	7	0.17	0.33	0.50	8	L X H					
7	8	0.18	0.33	0.49	9	L X H					
7	9	0.22	0.37	0.52	9	L X H					
7	10	0.33	0.48	0.63	9	L X H					
7	11	0.41	0.55	0.68	9	L X H					
7	12	0.48	0.61	0.74	9	L X H					
7	13	0.52	0.65	0.78	9	L X H					
7	14	0.56	0.69	0.83	9	L X H					
7	15	0.58	0.71	0.84	9	L X H					
7	16	0.58	0.71	0.84	9	L X H					
7	17	0.58	0.71	0.84	9	L X H					
7	18	0.60	0.73	0.87	9	L X H					
7	19	0.60	0.74	0.87	9	L X H					
7	20	0.71	0.80	0.89	9	L X H					
7	21	0.73	0.82	0.92	9	L X H					
7	22	0.74	0.83	0.92	9	L X H					
7	23	0.65	0.78	0.90	10	L X H					
7	24	0.66	0.79	0.92	10	L X H					
7	25	0.68	0.82	0.95	10	L X H					
7	26	0.65	0.80	0.94	9	L X H					
7	27	0.68	0.83	0.98	9	L X H					
7	28	0.72	0.87	1.00	8	L X H					
7	29	0.69	0.87	1.00	7	L X H					
7	30	0.65	0.85	1.00	6	L X H					
7	31	0.65	0.85	1.00	6	L X H					
8	1	0.48	0.78	1.00	4	L X H					
8	2	0.48	0.78	1.00	4	L X H					
8	3	0.50	0.81	1.00	4	L X H					
8	4	0.97	0.99	1.00	2					XH	
8	5	0.97	0.99	1.00	1					X	
8	6	0.97	1.00	1.00	1					X	
8	7	0.97	1.00	1.00	1					X	
8	8	0.97	1.00	1.00	1					X	

Table 13. Mikfik Creek sockeye salmon mean daily cumulative proportion of total run, 90 confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	3	0.00	0.18	0.00	1		X				
6	4	0.00	0.31	0.00	1			X			
6	5	0.00	0.17	0.40	2	L	X		H		
6	6	0.31	0.44	0.57	2		L	X		H	
6	7	0.13	0.37	0.61	3		L	X		H	
6	8	0.06	0.29	0.52	4	L		X		H	
6	9	0.06	0.29	0.52	4		X		H		
6	10	0.12	0.30	0.47	6	L	X		H		
6	11	0.17	0.34	0.51	6	L	X		H		
6	12	0.19	0.39	0.60	6	L	X		H		
6	13	0.25	0.43	0.62	6	L	X		H		
6	14	0.32	0.54	0.76	6	L		X		H	
6	15	0.50	0.67	0.85	6		L	X		H	
6	16	0.57	0.72	0.87	6		L	X		H	
6	17	0.47	0.66	0.86	6		L	X		H	
6	18	0.48	0.66	0.83	5		L	X		H	
6	19	0.61	0.73	0.85	5		L	X		H	
6	20	0.67	0.77	0.88	5		L	X		H	
6	21	0.71	0.81	0.92	5		L	X		H	
6	22	0.72	0.82	0.92	5		L	X		H	
6	23	0.77	0.84	0.92	5		L	X		H	
6	24	0.64	0.80	0.97	6		L	X		H	
6	25	0.64	0.81	0.98	6		L	X		H	
6	26	0.66	0.83	1.00	6		L	X		H	
6	27	0.67	0.85	1.00	6		L	X		H	
6	28	0.68	0.86	1.00	6		L	X		H	
6	29	0.61	0.83	1.00	5		L	X		H	
6	30	0.62	0.84	1.00	5		L	X		H	
7	1	0.79	0.91	1.00	5		L	X		H	
7	2	0.74	0.89	1.00	4		L	X		H	
7	3	0.74	0.89	1.00	4		L	X		H	
7	4	0.74	0.89	1.00	4		L	X		H	
7	5	0.96	0.98	1.00	4					LXH	
7	6	0.94	0.98	1.00	3					LXH	
7	7	0.96	0.99	1.00	3					LXH	
7	8	0.96	0.99	1.00	3					LXH	
7	9	0.96	0.99	1.00	3					LXH	
7	10	0.96	0.99	1.00	3					LXH	
7	11	0.96	0.99	1.00	3					LXH	
7	12	0.96	0.99	1.00	3					LXH	
7	13	0.96	0.99	1.00	3					LXH	
7	14	0.98	0.99	1.00	3					LX	
7	15	0.98	0.99	1.00	3					LX	
7	16	0.98	0.99	1.00	3					LX	
7	17	0.98	0.99	1.00	3					LX	
7	18	0.98	0.99	1.00	3					LX	
7	19	1.00	1.00	1.00	3					X	
7	20	1.00	1.00	1.00	3					X	
7	21	0.99	1.00	1.00	2					X	
7	22	0.99	1.00	1.00	1					X	
7	23	0.99	1.00	1.00	1					X	
7	24	0.99	1.00	1.00	1					X	
7	25	0.99	1.00	1.00	1					X	

Table 14. Kamishak River sockeye salmon mean daily cumulative proportion of total run, 90 confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	4	0.00	0.31	0.00	1		X				
7	5	0.00	0.31	0.00	1		X				
7	6	0.00	0.31	0.00	1		X				
7	7	0.00	0.31	0.00	1		X				
7	8	0.00	0.31	0.00	1		X				
7	9	0.00	0.31	0.00	1		X				
7	10	0.00	0.31	0.00	1		X				
7	11	0.00	0.31	0.00	1		X				
7	12	0.00	0.31	0.00	1		X				
7	13	0.00	0.31	0.00	1		X				
7	14	0.00	0.31	0.00	1		X				
7	15	0.00	0.31	0.00	1		X				
7	16	0.27	0.36	0.46	2	L	X	H			
7	17	0.27	0.36	0.46	2	L	X	H			
7	18	0.27	0.36	0.46	2	L	X	H			
7	19	0.27	0.37	0.46	2	L	X	H			
7	20	0.08	0.65	1.00	2	L		X		H	
7	21	0.08	0.87	1.00	1			X			
7	22	0.08	0.87	1.00	1			X			
7	23	0.08	1.00	1.00	1				X		

Table 15. Humpy Creek pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	2	0.00	0.01	0.00	1	X					
7	3	0.00	0.01	0.00	1	X					
7	4	0.00	0.01	0.00	1	X					
7	5	0.00	0.01	0.00	1	X					
7	6	0.00	0.00	0.01	2	X					
7	7	0.00	0.00	0.01	2	X					
7	8	0.00	0.00	0.01	2	X					
7	9	0.00	0.00	0.01	2	X					
7	10	0.00	0.01	0.01	6	XH					
7	11	0.00	0.01	0.01	7	XH					
7	12	0.00	0.01	0.01	9	XH					
7	13	0.00	0.01	0.02	12	LX					
7	14	0.00	0.02	0.03	15	LXH					
7	15	0.01	0.03	0.04	16	XH					
7	16	0.01	0.04	0.07	16	LXH					
7	17	0.02	0.05	0.08	19	LXH					
7	18	0.02	0.07	0.11	19	LXH					
7	19	0.03	0.08	0.14	19	LXH					
7	20	0.03	0.09	0.15	20	LXH					
7	21	0.05	0.11	0.18	20	LXH					
7	22	0.05	0.12	0.19	20	LXH					
7	23	0.06	0.13	0.21	20	LXH					
7	24	0.08	0.16	0.23	20	LXH					
7	25	0.09	0.17	0.25	20	LXH					
7	26	0.10	0.18	0.26	20	LXH					
7	27	0.12	0.20	0.29	20	LXH					
7	28	0.14	0.22	0.31	20	LXH					
7	29	0.16	0.25	0.33	20	LXH					
7	30	0.18	0.26	0.35	20	LXH					
7	31	0.21	0.30	0.39	20	LXH					
8	1	0.26	0.35	0.44	20	LXH					
8	2	0.28	0.37	0.46	20	LXH					
8	3	0.31	0.40	0.49	20	LXH					
8	4	0.32	0.42	0.51	20	LXH					
8	5	0.35	0.45	0.55	20	LXH					
8	6	0.37	0.47	0.57	20	LXH					
8	7	0.40	0.51	0.61	20	LXH					
8	8	0.42	0.53	0.63	20	LXH					
8	9	0.43	0.54	0.65	20	LXH					
8	10	0.43	0.54	0.64	19	LXH					
8	11	0.47	0.57	0.67	19	LXH					
8	12	0.50	0.59	0.69	19	LXH					
8	13	0.51	0.60	0.68	18	LXH					
8	14	0.53	0.62	0.71	18	LXH					
8	15	0.54	0.62	0.71	18	LXH					
8	16	0.54	0.63	0.71	18	LXH					
8	17	0.55	0.64	0.73	18	LXH					
8	18	0.56	0.65	0.74	18	LXH					
8	19	0.60	0.69	0.78	18	LXH					
8	20	0.62	0.71	0.80	18	LXH					
8	21	0.64	0.73	0.82	18	LXH					
8	22	0.69	0.77	0.85	18	LXH					
8	23	0.70	0.77	0.85	18	LXH					
8	24	0.74	0.80	0.87	18	LXH					
8	25	0.78	0.83	0.89	18	LXH					
8	26	0.83	0.87	0.92	18	LXH					
8	27	0.83	0.87	0.92	17	LXH					
8	28	0.84	0.88	0.92	17	LXH					

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Table 15. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	29	0.86	0.89	0.93	17					L XH	
8	30	0.88	0.91	0.94	17					LX H	
8	31	0.88	0.91	0.94	17					LX H	
9	1	0.88	0.91	0.94	16					LX H	
9	2	0.89	0.92	0.95	16					L XH	
9	3	0.89	0.92	0.96	16					LX H	
9	4	0.89	0.93	0.96	16					LX H	
9	5	0.90	0.93	0.97	16					L XH	
9	6	0.90	0.93	0.97	15					L XH	
9	7	0.89	0.93	0.96	14					L X H	
9	8	0.92	0.96	0.99	14					L XH	
9	9	0.98	0.99	1.00	11					XH	
9	10	0.98	0.99	1.00	8					XH	
9	11	0.99	0.99	1.00	6					LX	
9	12	0.98	0.99	1.00	4					LX	
9	13	0.98	0.99	1.00	3					LX	
9	14	0.97	0.99	1.00	2					LXH	
9	15	0.97	1.00	1.00	1					X	

Table 16. Halibut Cove Subdistrict pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	11	0.00	0.00	0.00	1	X					
6	12	0.00	0.00	0.00	2	X					
6	13	0.00	0.00	0.00	2	X					
6	14	0.00	0.04	0.09	4	L X H					
6	15	0.00	0.03	0.07	5	LX H					
6	16	0.00	0.03	0.07	5	LX H					
6	17	0.00	0.03	0.07	5	LX H					
6	18	0.00	0.02	0.05	7	LX H					
6	19	0.00	0.02	0.05	8	LXH					
6	20	0.00	0.02	0.05	8	LXH					
6	21	0.00	0.01	0.03	12	LXH					
6	22	0.00	0.01	0.03	13	LX					
6	23	0.00	0.01	0.03	14	LX					
6	24	0.00	0.01	0.03	14	LX					
6	25	0.00	0.01	0.02	17	LX					
6	26	0.00	0.01	0.02	18	LX					
6	27	0.00	0.01	0.02	20	XH					
6	28	0.00	0.01	0.02	21	XH					
6	29	0.00	0.01	0.02	21	LX					
6	30	0.00	0.01	0.02	21	LX					
7	1	0.00	0.01	0.02	21	LX					
7	2	0.01	0.02	0.03	21	LX					
7	3	0.01	0.02	0.03	21	LXH					
7	4	0.01	0.02	0.03	21	XH					
7	5	0.02	0.03	0.05	21	LX					
7	6	0.03	0.04	0.06	21	LXH					
7	7	0.03	0.05	0.08	21	L XH					
7	8	0.04	0.06	0.09	21	LXH					
7	9	0.05	0.08	0.11	21	L XH					
7	10	0.06	0.09	0.13	21	L XH					
7	11	0.09	0.13	0.17	21	L X H					
7	12	0.10	0.18	0.25	21	L X H					
7	13	0.12	0.19	0.27	21	L X H					
7	14	0.13	0.21	0.29	21	L X H					
7	15	0.14	0.23	0.32	21	L X H					
7	16	0.15	0.25	0.34	21	L X H					
7	17	0.18	0.28	0.38	21	L X H					
7	18	0.20	0.31	0.41	21	L X H					
7	19	0.22	0.33	0.43	21	L X H					
7	20	0.24	0.36	0.47	21	L X H					
7	21	0.26	0.38	0.50	21	L X H					
7	22	0.30	0.42	0.55	21	L X H					
7	23	0.32	0.44	0.57	21	L X H					
7	24	0.34	0.47	0.60	21	L X H					
7	25	0.39	0.52	0.65	21	L X H					
7	26	0.41	0.54	0.67	21	L X H					
7	27	0.44	0.57	0.70	21	L X H					
7	28	0.48	0.61	0.74	21	L X H					
7	29	0.48	0.61	0.74	20	L X H					
7	30	0.51	0.64	0.77	20	L X H					
7	31	0.53	0.66	0.79	20	L X H					
8	1	0.55	0.68	0.81	20	L X H					
8	2	0.60	0.73	0.86	20	L X H					
8	3	0.61	0.74	0.87	19	L X H					
8	4	0.62	0.74	0.87	17	L X H					
8	5	0.64	0.76	0.88	16	L X H					
8	6	0.64	0.77	0.89	16	L X H					
8	7	0.63	0.76	0.89	15	L X H					

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Table 16. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	8	0.61	0.75	0.88	14				L	X	H
8	9	0.60	0.74	0.88	13				L	X	H
8	10	0.61	0.75	0.89	13				L	X	H
8	11	0.64	0.78	0.93	13				L	X	H
8	12	0.70	0.82	0.93	12				L	X	H
8	13	0.73	0.83	0.94	12				L	X	H
8	14	0.74	0.85	0.96	11				L	X	H
8	15	0.72	0.84	0.96	10				L	X	H
8	16	0.74	0.87	1.00	9				L	X	H
8	17	0.72	0.87	1.00	8				L	X	H
8	18	0.69	0.86	1.00	7				L	X	H
8	19	0.70	0.87	1.00	7				L	X	H
8	20	0.70	0.87	1.00	7				L	X	H
8	21	0.70	0.87	1.00	7				L	X	H
8	22	0.97	0.98	1.00	7						LXH
8	23	0.96	0.98	1.00	5						LXH
8	24	0.95	0.98	1.00	4						LXH
8	25	0.95	0.98	1.00	4						LXH
8	26	0.99	1.00	1.00	2						X
8	27	0.99	1.00	1.00	1						X
8	28	0.99	1.00	1.00	1						X

Table 17. Halibut Cove Lagoon pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	29	0.00	0.01	0.00	1	X					
6	30	0.00	0.03	0.00	1	X					
7	1	0.00	0.03	0.00	1	X					
7	2	0.00	0.03	0.00	1	X					
7	3	0.00	0.10	0.00	1		X				
7	4	0.00	0.13	0.00	1		X				
7	5	0.00	0.10	0.23	2	L	X	H			
7	6	0.00	0.08	0.21	3	L	X	H			
7	7	0.00	0.10	0.26	3	L	X	H			
7	8	0.00	0.11	0.27	3	L	X	H			
7	9	0.00	0.11	0.22	4	L	X	H			
7	10	0.00	0.16	0.32	4	L	X	H			
7	11	0.01	0.19	0.36	4	L	X	H			
7	12	0.07	0.24	0.42	4	L	X	H			
7	13	0.12	0.28	0.45	4	L	X	H			
7	14	0.13	0.30	0.47	4	L	X	H			
7	15	0.17	0.33	0.48	4	L	X	H			
7	16	0.21	0.35	0.49	4	L	X	H			
7	17	0.21	0.39	0.56	4	L	X	H			
7	18	0.30	0.49	0.67	4	L	X	H			
7	19	0.31	0.51	0.70	4	L	X	H			
7	20	0.32	0.53	0.73	4	L	X	H			
7	21	0.36	0.57	0.77	4	L	X	H			
7	22	0.38	0.59	0.80	4	L	X	H			
7	23	0.62	0.70	0.78	4		L	X	H		
7	24	0.64	0.74	0.85	4		L	X	H		
7	25	0.70	0.79	0.88	4		L	X	H		
7	26	0.76	0.83	0.90	4		L	X	H		
7	27	0.78	0.84	0.91	4		L	X	H		
7	28	0.78	0.85	0.93	4		L	X	H		
7	29	0.80	0.88	0.96	4		L	X	H		
7	30	0.91	0.93	0.96	4			L	XH		
7	31	0.93	0.95	0.97	4			L	XH		
8	1	0.94	0.96	0.97	4				LXH		
8	2	0.96	0.97	0.98	4				XH		
8	3	0.96	0.97	0.99	4				LX		
8	4	0.96	0.98	0.99	4				LX		
8	5	0.97	0.98	0.99	4				XH		
8	6	0.98	0.99	1.00	4				XH		
8	7	0.97	0.98	0.99	3				XH		
8	8	0.97	0.98	0.99	3				XH		
8	9	0.98	0.99	1.00	3				LX		
8	10	0.97	0.99	1.00	2				XH		
8	11	0.97	1.00	1.00	1				X		
8	12	0.97	1.00	1.00	1				X		

Table 18. China Poot Bay pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	24	0.00	0.00	0.00	1	X					
6	25	0.00	0.00	0.00	2	X					
6	26	0.00	0.00	0.00	3	X					
6	27	0.00	0.02	0.06	4	LX H					
6	28	0.00	0.03	0.07	4	LX H					
6	29	0.00	0.03	0.07	4	LX H					
6	30	0.00	0.03	0.07	4	LX H					
7	1	0.00	0.04	0.08	4	L X H					
7	2	0.00	0.04	0.08	4	L X H					
7	3	0.01	0.05	0.09	4	L X H					
7	4	0.02	0.06	0.10	4	L X H					
7	5	0.03	0.07	0.11	4	L X H					
7	6	0.03	0.08	0.13	4	L X H					
7	7	0.03	0.11	0.19	4	L X H					
7	8	0.05	0.12	0.20	4	L X H					
7	9	0.06	0.13	0.20	4	L X H					
7	10	0.09	0.15	0.21	4	L X H					
7	11	0.10	0.21	0.32	4	L X H					
7	12	0.12	0.23	0.34	4	L X H					
7	13	0.14	0.26	0.37	4	L X H					
7	14	0.14	0.28	0.41	4	L X H					
7	15	0.19	0.35	0.50	4	L X H					
7	16	0.28	0.40	0.51	4	L X H					
7	17	0.40	0.46	0.53	4	L X H					
7	18	0.52	0.56	0.60	4	L X H					
7	19	0.60	0.65	0.70	4	L X H					
7	20	0.63	0.71	0.78	4	L X H					
7	21	0.64	0.72	0.81	4	L X H					
7	22	0.65	0.75	0.85	4	L X H					
7	23	0.69	0.79	0.89	4	L X H					
7	24	0.77	0.85	0.92	4	L X H					
7	25	0.80	0.87	0.95	4	L X H					
7	26	0.81	0.89	0.97	4	L X H					
7	27	0.81	0.89	0.98	4	L X H					
7	28	0.81	0.90	0.99	4	L X H					
7	29	0.81	0.90	0.99	4	L X H					
7	30	0.77	0.88	0.98	3	L X H					
7	31	0.81	0.90	0.99	3	L X H					
8	1	0.88	0.93	0.99	3	L X H					
8	2	0.89	0.94	0.99	3	L X H					
8	3	0.89	0.94	0.99	3	L X H					
8	4	0.89	0.94	0.99	3	L X H					
8	5	0.94	0.98	1.00	3	L X H					
8	6	0.91	0.96	1.00	2	L X H					
8	7	0.91	0.96	1.00	2	L X H					
8	8	0.91	0.96	1.00	2	L X H					
8	9	0.91	0.96	1.00	2	L X H					
8	10	0.91	0.96	1.00	2	L X H					
8	11	0.91	0.96	1.00	2	L X H					
8	12	0.91	0.96	1.00	2	L X H					
8	13	0.91	0.96	1.00	2	L X H					
8	14	1.00	1.00	1.00	2	X					
8	15	1.00	1.00	1.00	1	X					
8	16	1.00	1.00	1.00	1	X					

Table 19. Neptune Bay pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	28	0.00	0.00	0.00	1	X					
6	29	0.00	0.00	0.00	1	X					
6	30	0.00	0.00	0.00	1	X					
7	1	0.00	0.00	0.00	1	X					
7	2	0.00	0.00	0.00	1	X					
7	3	0.00	0.00	0.00	1	X					
7	4	0.00	0.00	0.00	1	X					
7	5	0.00	0.00	0.00	1	X					
7	6	0.00	0.00	0.00	1	X					
7	7	0.00	0.00	0.00	1	X					
7	8	0.00	0.01	0.00	1	X					
7	9	0.00	0.01	0.00	1	X					
7	10	0.00	0.01	0.00	1	X					
7	11	0.00	0.02	0.00	1	X					
7	12	0.00	0.05	0.00	1	X					
7	13	0.00	0.05	0.00	1	X					
7	14	0.00	0.05	0.00	1	X					
7	15	0.00	0.19	0.00	1		X				
7	16	0.00	0.31	0.00	1		X				
7	17	0.00	0.41	0.00	1			X			
7	18	0.00	0.49	0.00	1				X		
7	19	0.00	0.57	0.00	1				X		
7	20	0.00	0.58	0.00	1				X		
7	21	0.00	0.58	0.00	1				X		
7	22	0.00	0.68	0.00	1				X		
7	23	0.00	0.81	0.00	1				X		
7	24	0.00	0.94	0.00	1					X	
7	25	0.00	0.98	0.00	1					X	
7	26	0.00	0.99	0.00	1					X	
7	27	0.00	0.99	0.00	1					X	
7	28	0.00	0.99	0.00	1					X	
7	29	0.00	0.99	0.00	1					X	
7	30	0.00	0.99	0.00	1					X	
7	31	0.00	0.99	0.00	1					X	
8	1	0.00	0.99	0.00	1					X	
8	2	0.00	0.99	0.00	1					X	
8	3	0.00	0.99	0.00	1					X	
8	4	0.00	0.99	0.00	1					X	
8	5	0.00	1.00	0.00	1					X	
8	6	0.00	1.00	0.00	1					X	

Table 20. Tutka Bay pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	3	0.00	0.00	0.00	2	X					
6	4	0.00	0.00	0.00	3	X					
6	5	0.00	0.00	0.00	6	X					
6	6	0.00	0.00	0.00	8	X					
6	7	0.00	0.00	0.00	10	X					
6	8	0.00	0.00	0.00	12	X					
6	9	0.00	0.00	0.00	14	X					
6	10	0.00	0.00	0.00	15	X					
6	11	0.00	0.00	0.00	16	X					
6	12	0.00	0.00	0.00	18	X					
6	13	0.00	0.00	0.00	18	X					
6	14	0.00	0.00	0.00	19	X					
6	15	0.00	0.00	0.00	19	X					
6	16	0.00	0.00	0.00	19	X					
6	17	0.00	0.00	0.00	19	X					
6	18	0.00	0.00	0.00	20	X					
6	19	0.00	0.00	0.00	21	X					
6	20	0.00	0.00	0.00	21	X					
6	21	0.00	0.00	0.00	21	X					
6	22	0.00	0.00	0.00	21	X					
6	23	0.00	0.00	0.00	21	X					
6	24	0.00	0.00	0.01	21	X					
6	25	0.00	0.01	0.01	21	X					
6	26	0.00	0.01	0.01	21	XH					
6	27	0.01	0.01	0.01	21	LX					
6	28	0.01	0.02	0.02	21	LX					
6	29	0.01	0.02	0.03	21	XH					
6	30	0.02	0.03	0.04	21	LX					
7	1	0.03	0.04	0.05	21	LXH					
7	2	0.04	0.06	0.07	21	LXH					
7	3	0.06	0.08	0.09	21	LXH					
7	4	0.07	0.09	0.11	21	LX					
7	5	0.09	0.12	0.14	21	LXH					
7	6	0.12	0.15	0.18	21	LX H					
7	7	0.15	0.18	0.22	21	L X H					
7	8	0.18	0.22	0.26	21	L X H					
7	9	0.22	0.26	0.31	21	L X H					
7	10	0.25	0.30	0.36	21	L X H					
7	11	0.28	0.33	0.39	21	L X H					
7	12	0.32	0.38	0.44	21	L X H					
7	13	0.36	0.42	0.49	21	L X H					
7	14	0.39	0.46	0.53	21	L X H					
7	15	0.43	0.50	0.56	21	L X H					
7	16	0.46	0.53	0.59	21	L X H					
7	17	0.49	0.56	0.63	21	L X H					
7	18	0.52	0.59	0.67	21	L X H					
7	19	0.54	0.62	0.70	21	L X H					
7	20	0.58	0.66	0.74	21	L X H					
7	21	0.61	0.69	0.77	21	L X H					
7	22	0.64	0.71	0.79	21	L X H					
7	23	0.67	0.74	0.81	21	L X H					
7	24	0.70	0.76	0.83	21	L X H					
7	25	0.79	0.83	0.87	21	L X H					
7	26	0.81	0.85	0.89	21	L X H					
7	27	0.83	0.86	0.90	21	L X H					
7	28	0.85	0.88	0.91	21	L X H					
7	29	0.86	0.90	0.93	21	L X H					
7	30	0.87	0.90	0.94	20	L X H					

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Table 20. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	31	0.87	0.91	0.94	20					L X H	
8	1	0.88	0.91	0.95	20					L XH	
8	2	0.89	0.93	0.96	20					LX H	
8	3	0.90	0.93	0.96	20					L XH	
8	4	0.91	0.94	0.97	20					L X H	
8	5	0.91	0.94	0.98	20					LX H	
8	6	0.91	0.95	0.98	19					LX H	
8	7	0.91	0.94	0.98	18					L X H	
8	8	0.91	0.95	0.99	18					LX H	
8	9	0.91	0.95	0.99	15					L X H	
8	10	0.92	0.95	0.99	15					L X H	
8	11	0.92	0.96	0.99	15					L X H	
8	12	0.92	0.96	0.99	15					L X H	
8	13	0.98	0.99	1.00	15					XH	
8	14	0.99	0.99	1.00	15					LX	
8	15	0.99	0.99	1.00	14					LX	
8	16	0.99	0.99	1.00	13					X	
8	17	0.99	1.00	1.00	11					X	
8	18	0.99	1.00	1.00	10					X	
8	19	0.99	1.00	1.00	10					X	
8	20	0.99	1.00	1.00	9					X	
8	21	1.00	1.00	1.00	9					X	
8	22	1.00	1.00	1.00	9					X	
8	23	1.00	1.00	1.00	8					X	
8	24	1.00	1.00	1.00	6					X	
8	25	1.00	1.00	1.00	5					X	
8	26	1.00	1.00	1.00	5					X	
8	27	1.00	1.00	1.00	5					X	
8	28	1.00	1.00	1.00	5					X	
8	29	1.00	1.00	1.00	3					X	
8	30	1.00	1.00	1.00	3					X	
8	31	1.00	1.00	1.00	2					X	
9	1	1.00	1.00	1.00	2					X	
9	2	1.00	1.00	1.00	2					X	
9	3	1.00	1.00	1.00	2					X	
9	4	1.00	1.00	1.00	2					X	
9	5	1.00	1.00	1.00	1					X	

Table 21. Seldovia Bay pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	6	0.00	0.00	0.00	2	X					
6	7	0.00	0.00	0.00	2	X					
6	8	0.00	0.00	0.00	2	X					
6	9	0.00	0.00	0.00	2	X					
6	10	0.00	0.00	0.00	2	X					
6	11	0.00	0.00	0.00	2	X					
6	12	0.00	0.00	0.00	2	X					
6	13	0.00	0.00	0.00	3	X					
6	14	0.00	0.00	0.00	4	X					
6	15	0.00	0.00	0.00	5	X					
6	16	0.00	0.00	0.00	8	X					
6	17	0.00	0.00	0.00	12	X					
6	18	0.00	0.00	0.00	12	X					
6	19	0.00	0.00	0.00	15	X					
6	20	0.00	0.00	0.00	17	X					
6	21	0.00	0.00	0.00	17	X					
6	22	0.00	0.00	0.00	18	X					
6	23	0.00	0.00	0.00	18	X					
6	24	0.00	0.00	0.00	18	X					
6	25	0.00	0.00	0.00	18	X					
6	26	0.00	0.00	0.00	19	X					
6	27	0.00	0.00	0.00	19	X					
6	28	0.00	0.00	0.00	19	X					
6	29	0.00	0.00	0.00	20	X					
6	30	0.00	0.00	0.00	20	X					
7	1	0.00	0.00	0.00	20	X					
7	2	0.00	0.00	0.01	20	X					
7	3	0.00	0.00	0.01	20	X					
7	4	0.00	0.01	0.01	20	X					
7	5	0.00	0.01	0.01	20	XH					
7	6	0.01	0.01	0.02	20	LX					
7	7	0.01	0.02	0.03	20	LXH					
7	8	0.01	0.03	0.04	20	XH					
7	9	0.02	0.03	0.05	20	LXH					
7	10	0.02	0.04	0.06	20	LXH					
7	11	0.03	0.04	0.06	20	LXH					
7	12	0.03	0.06	0.08	20	LXH					
7	13	0.04	0.07	0.10	20	LX H					
7	14	0.05	0.08	0.12	20	L X H					
7	15	0.05	0.09	0.13	20	LX H					
7	16	0.06	0.10	0.14	20	L X H					
7	17	0.07	0.11	0.15	20	L X H					
7	18	0.08	0.12	0.17	20	L X H					
7	19	0.09	0.14	0.20	20	L X H					
7	20	0.09	0.15	0.21	20	L X H					
7	21	0.10	0.16	0.22	20	L X H					
7	22	0.11	0.18	0.24	20	L X H					
7	23	0.13	0.19	0.25	20	L X H					
7	24	0.14	0.20	0.27	20	L X H					
7	25	0.15	0.22	0.29	20	L X H					
7	26	0.16	0.24	0.31	20	L X H					
7	27	0.17	0.25	0.33	20	L X H					
7	28	0.20	0.29	0.38	20	L X H					
7	29	0.22	0.32	0.41	20	L X H					
7	30	0.25	0.34	0.43	20	L X H					
7	31	0.26	0.36	0.46	20	L X H					
8	1	0.28	0.38	0.47	20	L X H					
8	2	0.32	0.42	0.51	20	L X H					

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Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0		
8	3	0.34	0.45	0.55	20		L	X	H				
8	4	0.38	0.48	0.58	20		L	X	H				
8	5	0.41	0.51	0.62	20		L	X	H				
8	6	0.47	0.56	0.65	20		L	X	H				
8	7	0.48	0.57	0.66	20		L	X	H				
8	8	0.52	0.60	0.69	20		L	X	H				
8	9	0.54	0.62	0.71	20		L	X	H				
8	10	0.55	0.64	0.72	20		L	X	H				
8	11	0.59	0.67	0.75	20		L	X	H				
8	12	0.61	0.69	0.77	20		L	X	H				
8	13	0.62	0.70	0.78	20		L	X	H				
8	14	0.63	0.70	0.78	20		L	X	H				
8	15	0.65	0.72	0.80	20		L	X	H				
8	16	0.65	0.73	0.80	20		L	X	H				
8	17	0.68	0.74	0.81	20		L	X	H				
8	18	0.69	0.76	0.83	20		L	X	H				
8	19	0.73	0.80	0.87	20		L	X	H				
8	20	0.75	0.82	0.88	20		L	X	H				
8	21	0.79	0.83	0.88	20			L	X	H			
8	22	0.79	0.84	0.89	20			L	X	H			
8	23	0.80	0.84	0.89	20			L	X	H			
8	24	0.80	0.85	0.90	20			L	X	H			
8	25	0.82	0.87	0.91	20			L	X	H			
8	26	0.83	0.87	0.92	20			L	X	H			
8	27	0.84	0.88	0.92	20			L	X	H			
8	28	0.88	0.91	0.94	20				L	XH			
8	29	0.87	0.91	0.94	19					LX	H		
8	30	0.88	0.91	0.95	19					L	XH		
8	31	0.89	0.92	0.96	19					L	X	H	
9	1	0.89	0.92	0.96	18					L	X	H	
9	2	0.91	0.93	0.96	18						LX	H	
9	3	0.91	0.93	0.95	17					L	XH		
9	4	0.92	0.94	0.96	17						LX	H	
9	5	0.94	0.96	0.98	17						LX	H	
9	6	0.94	0.96	0.98	15						LX	H	
9	7	0.94	0.96	0.98	12						LX	H	
9	8	0.94	0.96	0.99	11						LX	H	
9	9	0.93	0.96	0.99	9						L	X	H
9	10	0.91	0.96	1.00	7						L	X	H
9	11	0.91	0.96	1.00	6						L	X	H
9	12	0.83	0.94	1.00	3						L	X	H
9	13	0.75	0.90	1.00	2						L	X	H
9	14	0.75	0.90	1.00	2						L	X	H
9	15	0.75	0.90	1.00	2						L	X	H
9	16	1.00	1.00	1.00	2							X	
9	17	1.00	1.00	1.00	1							X	
9	18	1.00	1.00	1.00	1							X	
9	19	1.00	1.00	1.00	1							X	
9	20	1.00	1.00	1.00	1							X	

Table 22. Barabara pink salmon mean daily cumulative proportion of total run,  
90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	14	0.00	0.03	0.00	1	X					
7	15	0.01	0.02	0.03	4	XH					
7	16	0.01	0.02	0.03	4	XH					
7	17	0.01	0.02	0.03	4	XH					
7	18	0.01	0.02	0.03	4	XH					
7	19	0.01	0.02	0.03	4	XH					
7	20	0.01	0.02	0.03	4	XH					
7	21	0.00	0.08	0.18	6	L X H					
7	22	0.01	0.11	0.21	6	L X H					
7	23	0.01	0.11	0.21	6	L X H					
7	24	0.03	0.12	0.22	6	L X H					
7	25	0.05	0.15	0.24	6	L X H					
7	26	0.05	0.15	0.24	6	L X H					
7	27	0.08	0.17	0.26	6	L X H					
7	28	0.08	0.17	0.26	6	L X H					
7	29	0.08	0.17	0.26	6	L X H					
7	30	0.12	0.19	0.26	6	L X H					
7	31	0.14	0.24	0.35	6	L X H					
8	1	0.20	0.38	0.56	7	L X H					
8	2	0.20	0.38	0.56	7	L X H					
8	3	0.25	0.42	0.58	7	L X H					
8	4	0.25	0.42	0.58	7	L X H					
8	5	0.32	0.48	0.64	7	L X H					
8	6	0.32	0.50	0.68	7	L X H					
8	7	0.28	0.42	0.55	6	L X H					
8	8	0.30	0.46	0.61	6	L X H					
8	9	0.31	0.49	0.67	6	L X H					
8	10	0.31	0.49	0.67	6	L X H					
8	11	0.45	0.57	0.69	6	L X H					
8	12	0.52	0.61	0.69	6	L X H					
8	13	0.53	0.62	0.72	6	L X H					
8	14	0.53	0.62	0.72	6	L X H					
8	15	0.61	0.70	0.78	6	L X H					
8	16	0.63	0.73	0.83	6	L X H					
8	17	0.63	0.73	0.83	6	L X H					
8	18	0.65	0.76	0.88	6	L X H					
8	19	0.71	0.81	0.91	6	L X H					
8	20	0.71	0.81	0.91	6	L X H					
8	21	0.71	0.81	0.91	6	L X H					
8	22	0.71	0.81	0.91	6	L X H					
8	23	0.71	0.81	0.91	6	L X H					
8	24	0.71	0.81	0.91	6	L X H					
8	25	0.71	0.81	0.91	6	L X H					
8	26	0.71	0.81	0.91	6	L X H					
8	27	0.81	0.87	0.92	6	L X H					
8	28	0.81	0.87	0.92	6	L X H					
8	29	0.81	0.87	0.92	6	L X H					
8	30	0.81	0.87	0.92	6	L X H					
8	31	0.81	0.87	0.92	6	L X H					
9	1	0.81	0.87	0.92	6	L X H					
9	2	0.81	0.87	0.92	6	L X H					
9	3	0.91	0.95	0.99	6	L X H					
9	4	0.91	0.95	1.00	4	L X H					
9	5	0.89	0.94	0.99	3	L X H					
9	6	0.89	0.94	0.99	3	L X H					
9	7	0.89	0.95	1.00	3	L X H					
9	8	0.85	0.92	0.98	2	L X H					
9	9	0.94	0.98	1.00	2	L X H					

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Table 22. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
9	10	0.94	0.96	1.00	1						X
9	11	0.94	0.96	1.00	1						X
9	12	0.94	0.96	1.00	1						X
9	13	0.94	0.96	1.00	1						X
9	14	0.94	0.96	1.00	1						X
9	15	0.94	0.96	1.00	1						X
9	16	0.94	0.96	1.00	1						X
9	17	0.94	0.96	1.00	1						X
9	18	0.94	0.96	1.00	1						X
9	19	0.94	0.96	1.00	1						X
9	20	0.94	1.00	1.00	1						X

Table 23. Port Graham pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	8	0.00	0.00	0.00	1	X					
6	9	0.00	0.00	0.00	1	X					
6	10	0.00	0.00	0.00	1	X					
6	11	0.00	0.00	0.00	1	X					
6	12	0.00	0.00	0.00	1	X					
6	13	0.00	0.00	0.00	2	X					
6	14	0.00	0.00	0.00	2	X					
6	15	0.00	0.00	0.00	2	X					
6	16	0.00	0.00	0.00	2	X					
6	17	0.00	0.00	0.00	6	X					
6	18	0.00	0.00	0.00	8	X					
6	19	0.00	0.00	0.00	9	X					
6	20	0.00	0.00	0.00	10	X					
6	21	0.00	0.00	0.00	10	X					
6	22	0.00	0.00	0.00	10	X					
6	23	0.00	0.00	0.00	10	X					
6	24	0.00	0.00	0.00	10	X					
6	25	0.00	0.00	0.00	10	X					
6	26	0.00	0.00	0.00	11	X					
6	27	0.00	0.00	0.00	11	X					
6	28	0.00	0.00	0.01	11	X					
6	29	0.00	0.00	0.01	11	X					
6	30	0.00	0.01	0.01	11	X					
7	1	0.00	0.01	0.01	11	X					
7	2	0.00	0.01	0.01	11	XH					
7	3	0.00	0.01	0.02	11	XH					
7	4	0.01	0.01	0.02	11	LX					
7	5	0.01	0.01	0.02	11	LX					
7	6	0.01	0.02	0.03	11	LX					
7	7	0.02	0.03	0.04	11	XH					
7	8	0.02	0.03	0.04	11	XH					
7	9	0.02	0.04	0.05	12	LXH					
7	10	0.03	0.05	0.07	12	LXH					
7	11	0.04	0.06	0.08	12	LXH					
7	12	0.05	0.07	0.10	12	L X H					
7	13	0.05	0.08	0.12	12	L X H					
7	14	0.06	0.10	0.15	12	L X H					
7	15	0.06	0.11	0.17	13	L X H					
7	16	0.06	0.12	0.17	14	L X H					
7	17	0.07	0.13	0.18	14	L X H					
7	18	0.08	0.14	0.19	15	L X H					
7	19	0.09	0.15	0.21	15	L X H					
7	20	0.09	0.16	0.23	15	L X H					
7	21	0.11	0.19	0.27	15	L X H					
7	22	0.11	0.19	0.27	15	L X H					
7	23	0.12	0.21	0.29	15	L X H					
7	24	0.13	0.22	0.30	15	L X H					
7	25	0.16	0.25	0.34	15	L X H					
7	26	0.20	0.29	0.38	15	L X H					
7	27	0.22	0.31	0.41	15	L X H					
7	28	0.25	0.34	0.44	15	L X H					
7	29	0.27	0.37	0.46	15	L X H					
7	30	0.28	0.37	0.47	15	L X H					
7	31	0.28	0.38	0.47	15	L X H					
8	1	0.31	0.40	0.50	15	L X H					
8	2	0.32	0.42	0.52	15	L X H					
8	3	0.34	0.44	0.54	15	L X H					
8	4	0.36	0.46	0.56	15	L X H					

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Table 23. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	5	0.37	0.47	0.58	15			L	X	H	
8	6	0.40	0.50	0.60	15			L	X	H	
8	7	0.42	0.53	0.63	15			L	X	H	
8	8	0.44	0.54	0.64	15			L	X	H	
8	9	0.47	0.56	0.65	15			L	X	H	
8	10	0.47	0.56	0.65	15			L	X	H	
8	11	0.51	0.60	0.69	15			L	X	H	
8	12	0.55	0.64	0.73	15			L	X	H	
8	13	0.58	0.67	0.76	15			L	X	H	
8	14	0.59	0.68	0.77	15			L	X	H	
8	15	0.59	0.68	0.78	15			L	X	H	
8	16	0.60	0.69	0.78	15			L	X	H	
8	17	0.67	0.73	0.80	15			L	X	H	
8	18	0.67	0.73	0.80	15			L	X	H	
8	19	0.67	0.74	0.81	15			L	X	H	
8	20	0.69	0.76	0.83	15			L	X	H	
8	21	0.71	0.78	0.84	15			L	X	H	
8	22	0.71	0.78	0.84	15			L	X	H	
8	23	0.71	0.78	0.84	15			L	X	H	
8	24	0.72	0.79	0.87	15			L	X	H	
8	25	0.72	0.79	0.87	15			L	X	H	
8	26	0.75	0.83	0.90	15			L	X	H	
8	27	0.77	0.84	0.91	15			L	X	H	
8	28	0.81	0.88	0.95	15			L	X	H	
8	29	0.81	0.88	0.95	15			L	X	H	
8	30	0.90	0.93	0.95	15				LX	H	
8	31	0.90	0.93	0.95	14				LX	H	
9	1	0.90	0.93	0.95	14				LX	H	
9	2	0.91	0.93	0.96	14				L	XH	
9	3	0.93	0.95	0.97	14				L	XH	
9	4	0.92	0.95	0.97	13				LXH		
9	5	0.93	0.96	0.98	13				LXH		
9	6	0.93	0.95	0.97	12				L	XH	
9	7	0.94	0.96	0.99	12				LXH		
9	8	0.94	0.97	1.00	11				LX	H	
9	9	0.97	0.99	1.00	9				XH		
9	10	0.96	0.98	1.00	6				LXH		
9	11	0.96	0.99	1.00	5				LXH		
9	12	0.96	0.93	1.00	1				X		
9	13	0.96	0.93	1.00	1				X		
9	14	0.96	1.00	1.00	1				X		

Table 24. English Bay pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	7	0.00	0.00	0.00	1	X					
6	8	0.00	0.00	0.00	1	X					
6	9	0.00	0.00	0.00	1	X					
6	10	0.00	0.00	0.00	1	X					
6	11	0.00	0.00	0.00	1	X					
6	12	0.00	0.00	0.00	1	X					
6	13	0.00	0.00	0.00	1	X					
6	14	0.00	0.00	0.00	1	X					
6	15	0.00	0.00	0.01	2	X					
6	16	0.00	0.00	0.01	2	X					
6	17	0.00	0.00	0.01	2	X					
6	18	0.00	0.00	0.01	2	X					
6	19	0.00	0.00	0.01	2	X					
6	20	0.00	0.00	0.00	3	X					
6	21	0.00	0.00	0.00	3	X					
6	22	0.00	0.00	0.00	3	X					
6	23	0.00	0.00	0.00	3	X					
6	24	0.00	0.00	0.01	3	X					
6	25	0.00	0.01	0.02	3	XH					
6	26	0.00	0.01	0.02	3	XH					
6	27	0.00	0.01	0.02	3	XH					
6	28	0.00	0.01	0.03	3	LXH					
6	29	0.00	0.02	0.05	3	LXH					
6	30	0.00	0.02	0.05	3	LXH					
7	1	0.00	0.04	0.09	3	L X H					
7	2	0.00	0.04	0.10	3	L X H					
7	3	0.00	0.04	0.10	3	L X H					
7	4	0.00	0.04	0.10	3	L X H					
7	5	0.00	0.06	0.13	3	L X H					
7	6	0.00	0.07	0.16	3	L X H					
7	7	0.00	0.08	0.18	3	L X H					
7	8	0.00	0.12	0.27	3	L X H					
7	9	0.00	0.14	0.32	3	L X H					
7	10	0.00	0.14	0.32	3	L X H					
7	11	0.00	0.15	0.32	3	L X H					
7	12	0.00	0.19	0.41	3	L X H					
7	13	0.00	0.21	0.47	3	L X H					
7	14	0.00	0.22	0.47	3	L X H					
7	15	0.00	0.23	0.48	3	L X H					
7	16	0.00	0.24	0.50	3	L X H					
7	17	0.00	0.24	0.50	3	L X H					
7	18	0.00	0.24	0.50	3	L X H					
7	19	0.00	0.26	0.52	3	L X H					
7	20	0.00	0.28	0.56	3	L X H					
7	21	0.00	0.30	0.59	3	L X H					
7	22	0.01	0.32	0.62	3	L X H					
7	23	0.01	0.34	0.67	3	L X H					
7	24	0.03	0.36	0.69	3	L X H					
7	25	0.03	0.36	0.69	3	L X H					
7	26	0.05	0.40	0.76	3	L X H					
7	27	0.05	0.41	0.78	3	L X H					
7	28	0.06	0.42	0.79	3	L X H					
7	29	0.07	0.45	0.82	3	L X H					
7	30	0.08	0.46	0.85	3	L X H					
7	31	0.09	0.47	0.84	3	L X H					
8	1	0.11	0.50	0.88	3	L X H					
8	2	0.12	0.55	0.98	3	L X H					
8	3	0.12	0.55	0.98	3	L X H					

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Table 24. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	4	0.12	0.57	1.00	3		L		X		H
8	5	0.14	0.61	1.00	3		L		X		H
8	6	0.14	0.63	1.00	3		L		X		H
8	7	0.14	0.63	1.00	3		L		X		H
8	8	0.14	0.63	1.00	3		L		X		H
8	9	0.18	0.65	1.00	3		L		X		H
8	10	0.18	0.65	1.00	3		L		X		H
8	11	0.00	0.48	1.00	2	L			X		H
8	12	0.00	0.48	1.00	2	L			X		H
8	13	0.00	0.48	1.00	2	L			X		H
8	14	0.00	0.48	1.00	2	L			X		H
8	15	0.00	0.48	1.00	2	L			X		H
8	16	0.00	0.48	1.00	2	L			X		H
8	17	0.10	0.58	1.00	2	L			X		H
8	18	0.10	0.58	1.00	2	L			X		H
8	19	0.10	0.58	1.00	2	L			X		H
8	20	0.10	0.58	1.00	2	L			X		H
8	21	0.10	0.58	1.00	2	L			X		H
8	22	0.10	0.58	1.00	2	L			X		H
8	23	0.10	0.58	1.00	2	L			X		H
8	24	0.06	0.64	1.00	2	L			X		H
8	25	0.06	0.29	1.00	1				X		
8	26	0.06	0.29	1.00	1				X		
8	27	0.06	0.29	1.00	1				X		
8	28	0.06	0.29	1.00	1				X		
8	29	0.06	0.29	1.00	1				X		
8	30	0.06	0.29	1.00	1				X		
8	31	0.06	0.29	1.00	1				X		
9	1	0.06	0.29	1.00	1				X		
9	2	0.06	1.00	1.00	1					X	
9	3	0.06	1.00	1.00	1					X	

Table 25. Dogfish Bay pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	28	0.00	0.01	0.00	1	X					
6	29	0.00	0.01	0.00	1	X					
6	30	0.00	0.01	0.00	1	X					
7	1	0.00	0.01	0.00	1	X					
7	2	0.00	0.01	0.00	1	X					
7	3	0.00	0.02	0.00	1	X					
7	4	0.00	0.02	0.00	1	X					
7	5	0.00	0.09	0.00	1		X				
7	6	0.00	0.11	0.00	1		X				
7	7	0.07	0.10	0.13	2		L	XH			
7	8	0.13	0.15	0.17	2			XH			
7	9	0.13	0.15	0.17	2			XH			
7	10	0.14	0.20	0.25	2		L	X	H		
7	11	0.15	0.20	0.25	2		L	X	H		
7	12	0.16	0.21	0.25	2		L	X	H		
7	13	0.17	0.21	0.24	2			LX	H		
7	14	0.15	0.23	0.31	2		L	X	H		
7	15	0.20	0.25	0.30	2		L	X	H		
7	16	0.21	0.25	0.29	2		L	X	H		
7	17	0.23	0.29	0.34	2			L	X	H	
7	18	0.24	0.32	0.39	2		L	X		H	
7	19	0.03	0.21	0.39	3	L		X		H	
7	20	0.01	0.17	0.33	4	L		X		H	
7	21	0.01	0.18	0.35	4	L		X		H	
7	22	0.01	0.18	0.36	4	L		X		H	
7	23	0.01	0.18	0.36	4	L		X		H	
7	24	0.01	0.18	0.36	4	L		X		H	
7	25	0.01	0.19	0.36	4	L		X		H	
7	26	0.01	0.19	0.37	4	L		X		H	
7	27	0.01	0.19	0.38	4	L		X		H	
7	28	0.07	0.21	0.36	5	L		X		H	
7	29	0.07	0.23	0.38	5	L		X		H	
7	30	0.15	0.27	0.40	5	L		X		H	
7	31	0.18	0.30	0.43	5	L		X		H	
8	1	0.18	0.31	0.43	5	L		X		H	
8	2	0.20	0.34	0.48	5	L		X		H	
8	3	0.20	0.35	0.49	5	L		X		H	
8	4	0.21	0.36	0.52	5	L		X		H	
8	5	0.21	0.37	0.52	5	L		X		H	
8	6	0.22	0.37	0.52	5	L		X		H	
8	7	0.22	0.40	0.58	5	L		X		H	
8	8	0.22	0.40	0.58	5	L		X		H	
8	9	0.22	0.40	0.58	5	L		X		H	
8	10	0.22	0.40	0.58	5	L		X		H	
8	11	0.22	0.40	0.58	5	L		X		H	
8	12	0.25	0.44	0.62	5	L		X		H	
8	13	0.25	0.44	0.63	5	L		X		H	
8	14	0.30	0.53	0.77	5	L		X		H	
8	15	0.40	0.57	0.75	5	L		X		H	
8	16	0.40	0.61	0.82	5	L		X		H	
8	17	0.40	0.61	0.82	5	L		X		H	
8	18	0.40	0.61	0.83	5	L		X		H	
8	19	0.40	0.61	0.83	5	L		X		H	
8	20	0.40	0.61	0.83	5	L		X		H	
8	21	0.42	0.63	0.84	5	L		X		H	
8	22	0.42	0.64	0.86	5	L		X		H	
8	23	0.42	0.65	0.87	5	L		X		H	
8	24	0.48	0.72	0.96	5		L	X		H	

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Table 25. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	25	0.57	0.73	0.89	4				L	X	H
8	26	0.57	0.73	0.89	4				L	X	H
8	27	0.57	0.73	0.89	4				L	X	H
8	28	0.61	0.76	0.91	4				L	X	H
8	29	0.61	0.76	0.91	4				L	X	H
8	30	0.61	0.76	0.91	4				L	X	H
8	31	0.61	0.76	0.91	4				L	X	H
9	1	0.61	0.76	0.91	4				L	X	H
9	2	0.61	0.76	0.91	4				L	X	H
9	3	0.61	0.76	0.91	4				L	X	H
9	4	0.61	0.76	0.91	4				L	X	H
9	5	0.61	0.76	0.91	4				L	X	H
9	6	0.61	0.76	0.91	4				L	X	H
9	7	0.71	0.89	1.00	4				L	X	H
9	8	0.42	0.78	1.00	2			L	X		H
9	9	0.42	0.99	1.00	1						X
9	10	0.42	0.99	1.00	1						X
9	11	0.42	0.99	1.00	1						X
9	12	0.42	0.99	1.00	1						X
9	13	0.42	0.99	1.00	1						X
9	14	0.42	0.99	1.00	1						X
9	15	0.42	0.99	1.00	1						X
9	16	0.42	0.99	1.00	1						X
9	17	0.42	0.99	1.00	1						X
9	18	0.42	0.99	1.00	1						X
9	19	0.42	0.99	1.00	1						X
9	20	0.42	0.99	1.00	1						X
9	21	0.42	0.99	1.00	1						X
9	22	0.42	0.99	1.00	1						X
9	23	0.42	0.99	1.00	1						X
9	24	0.42	1.00	1.00	1						X
9	25	0.42	1.00	1.00	1						X
9	26	0.42	1.00	1.00	1						X
9	27	0.42	1.00	1.00	1						X
9	28	0.42	1.00	1.00	1						X
9	29	0.42	1.00	1.00	1						X

Table 26. Port Chatham pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	7	0.00	0.01	0.00	1	X					
7	8	0.00	0.05	0.00	1		X				
7	9	0.00	0.06	0.00	1		X				
7	10	0.00	0.08	0.00	1		X				
7	11	0.00	0.08	0.00	1		X				
7	12	0.00	0.08	0.00	1		X				
7	13	0.00	0.17	0.00	1			X			
7	14	0.00	0.22	0.00	1				X		
7	15	0.00	0.22	0.00	1			X			
7	16	0.00	0.22	0.00	1			X			
7	17	0.20	0.21	0.22	2			LX			
7	18	0.16	0.31	0.45	2		L		X	H	
7	19	0.16	0.31	0.45	2		L		X	H	
7	20	0.10	0.40	0.69	2		L		X		H
7	21	0.25	0.45	0.66	2		L		X		H
7	22	0.05	0.31	0.57	3	L			X		H
7	23	0.07	0.33	0.60	3	L			X		H
7	24	0.07	0.33	0.60	3	L			X		H
7	25	0.07	0.34	0.60	3	L			X		H
7	26	0.03	0.27	0.52	4	L			X		H
7	27	0.03	0.29	0.55	4	L			X		H
7	28	0.03	0.33	0.64	4	L			X		H
7	29	0.03	0.33	0.64	4	L			X		H
7	30	0.03	0.35	0.66	4	L			X		H
7	31	0.04	0.36	0.68	4	L			X		H
8	1	0.04	0.36	0.69	4	L			X		H
8	2	0.11	0.47	0.84	4	L			X		H
8	3	0.12	0.49	0.86	4	L			X		H
8	4	0.11	0.51	0.90	4	L			X		H
8	5	0.00	0.35	0.75	3	L			X		H
8	6	0.02	0.39	0.77	3	L			X		H
8	7	0.14	0.46	0.78	3	L			X		H
8	8	0.16	0.47	0.78	3	L			X		H
8	9	0.20	0.51	0.81	3	L			X		H
8	10	0.40	0.59	0.79	3		L		X		H
8	11	0.44	0.62	0.80	3		L		X		H
8	12	0.45	0.63	0.81	3		L		X		H
8	13	0.49	0.66	0.83	3		L		X		H
8	14	0.50	0.66	0.83	3		L		X		H
8	15	0.63	0.72	0.81	3			L		X	H
8	16	0.63	0.72	0.81	3			L		X	H
8	17	0.63	0.72	0.81	3			L		X	H
8	18	0.63	0.72	0.81	3			L		X	H
8	19	0.63	0.72	0.81	3			L		X	H
8	20	0.63	0.72	0.81	3			L		X	H
8	21	0.63	0.72	0.81	3			L		X	H
8	22	0.63	0.72	0.81	3			L		X	H
8	23	0.64	0.73	0.81	3			L		X	H
8	24	0.69	0.77	0.84	3				L	X	H
8	25	0.69	0.77	0.84	3				L	X	H
8	26	0.67	0.83	0.98	3				L	X	H
8	27	0.64	0.74	0.84	2				L	X	H
8	28	0.64	0.74	0.84	2				L	X	H
8	29	0.64	0.74	0.84	2				L	X	H
8	30	0.73	0.90	1.00	2				L		X H
8	31	0.73	0.80	1.00	1					X	
9	1	0.73	0.80	1.00	1					X	
9	2	0.73	0.80	1.00	1					X	

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Table 26. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
9	3	0.73	0.80	1.00	1					X	
9	4	0.73	0.99	1.00	1						X
9	5	0.73	0.99	1.00	1					X	
9	6	0.73	0.99	1.00	1					X	
9	7	0.73	0.99	1.00	1					X	
9	8	0.73	0.99	1.00	1					X	
9	9	0.73	0.99	1.00	1					X	
9	10	0.73	0.99	1.00	1					X	
9	11	0.73	0.99	1.00	1					X	
9	12	0.73	0.99	1.00	1					X	
9	13	0.73	0.99	1.00	1					X	
9	14	0.73	0.99	1.00	1					X	
9	15	0.73	0.99	1.00	1					X	
9	16	0.73	0.99	1.00	1					X	
9	17	0.73	0.99	1.00	1					X	
9	18	0.73	1.00	1.00	1					X	
9	19	0.73	1.00	1.00	1					X	
9	20	0.73	1.00	1.00	1					X	
9	21	0.73	1.00	1.00	1					X	
9	22	0.73	1.00	1.00	1					X	
9	23	0.73	1.00	1.00	1					X	
9	24	0.73	1.00	1.00	1					X	
9	25	0.73	1.00	1.00	1					X	
9	26	0.73	1.00	1.00	1					X	
9	27	0.73	1.00	1.00	1					X	
9	28	0.73	1.00	1.00	1					X	
9	29	0.73	1.00	1.00	1					X	
9	30	0.73	1.00	1.00	1					X	

Table 27. Windy Bay pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	5	0.00	0.02	0.00	1	X					
7	6	0.00	0.02	0.00	1	X					
7	7	0.00	0.03	0.00	1	X					
7	8	0.00	0.03	0.00	1	X					
7	9	0.00	0.03	0.00	1	X					
7	10	0.00	0.07	0.00	1	X					
7	11	0.01	0.05	0.09	3	L X H					
7	12	0.01	0.07	0.12	3	L X H					
7	13	0.01	0.12	0.23	3	L X H					
7	14	0.01	0.13	0.25	3	L X H					
7	15	0.06	0.19	0.32	4	L X H					
7	16	0.08	0.21	0.34	4	L X H					
7	17	0.09	0.22	0.35	4	L X H					
7	18	0.10	0.22	0.35	4	L X H					
7	19	0.04	0.15	0.27	6	L X H					
7	20	0.04	0.18	0.32	6	L X H					
7	21	0.04	0.20	0.36	6	L X H					
7	22	0.03	0.21	0.39	6	L X H					
7	23	0.04	0.18	0.33	8	L X H					
7	24	0.03	0.17	0.30	9	L X H					
7	25	0.05	0.18	0.31	9	L X H					
7	26	0.05	0.19	0.32	9	L X H					
7	27	0.06	0.21	0.36	9	L X H					
7	28	0.06	0.21	0.37	9	L X H					
7	29	0.06	0.22	0.37	9	L X H					
7	30	0.06	0.23	0.40	9	L X H					
7	31	0.07	0.24	0.41	9	L X H					
8	1	0.14	0.33	0.52	9	L X H					
8	2	0.17	0.38	0.59	9	L X H					
8	3	0.11	0.31	0.51	8	L X H					
8	4	0.13	0.33	0.53	8	L X H					
8	5	0.13	0.34	0.54	8	L X H					
8	6	0.13	0.34	0.54	8	L X H					
8	7	0.13	0.34	0.55	8	L X H					
8	8	0.13	0.34	0.55	8	L X H					
8	9	0.21	0.41	0.61	8	L X H					
8	10	0.22	0.42	0.63	8	L X H					
8	11	0.31	0.50	0.68	8	L X H					
8	12	0.36	0.55	0.75	8	L X H					
8	13	0.36	0.55	0.75	8	L X H					
8	14	0.36	0.55	0.75	8	L X H					
8	15	0.36	0.55	0.75	8	L X H					
8	16	0.36	0.56	0.76	8	L X H					
8	17	0.30	0.49	0.69	7	L X H					
8	18	0.33	0.51	0.70	7	L X H					
8	19	0.35	0.54	0.73	7	L X H					
8	20	0.35	0.54	0.73	7	L X H					
8	21	0.39	0.58	0.76	7	L X H					
8	22	0.39	0.58	0.76	7	L X H					
8	23	0.39	0.58	0.76	7	L X H					
8	24	0.44	0.62	0.80	7	L X H					
8	25	0.44	0.62	0.80	7	L X H					
8	26	0.68	0.79	0.91	7	L X H					
8	27	0.64	0.76	0.88	6	L X H					
8	28	0.73	0.84	0.94	6	L X H					
8	29	0.69	0.80	0.92	5	L X H					
8	30	0.69	0.80	0.92	5	L X H					
8	31	0.77	0.86	0.95	5	L X H					

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Table 27. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
9	1	0.77	0.86	0.95	5				L	X	H
9	2	0.77	0.86	0.95	5				L	X	H
9	3	0.79	0.88	0.98	5				L	X	H
9	4	0.80	0.90	1.00	5				L	X	H
9	5	0.92	0.96	1.00	4				L	X	H
9	6	0.90	0.95	1.00	3				L	X	H
9	7	0.90	0.95	1.00	3				L	X	H
9	8	0.96	0.97	0.98	2					XH	
9	9	0.96	0.97	0.98	2					XH	
9	10	0.96	0.97	0.98	2					XH	
9	11	0.96	0.99	1.00	2					LXH	
9	12	0.96	0.97	1.00	1					X	
9	13	0.96	0.97	1.00	1					X	
9	14	0.96	0.97	1.00	1					X	
9	15	0.96	1.00	1.00	1					X	
9	16	0.96	1.00	1.00	1					X	
9	17	0.96	1.00	1.00	1					X	
9	18	0.96	1.00	1.00	1					X	
9	19	0.96	1.00	1.00	1					X	
9	20	0.96	1.00	1.00	1					X	
9	21	0.96	1.00	1.00	1					X	
9	22	0.96	1.00	1.00	1					X	
9	23	0.96	1.00	1.00	1					X	
9	24	0.96	1.00	1.00	1					X	
9	25	0.96	1.00	1.00	1					X	
9	26	0.96	1.00	1.00	1					X	
9	27	0.96	1.00	1.00	1					X	
9	28	0.96	1.00	1.00	1					X	

Table 28. Rocky Bay pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	4	0.00	0.00	0.00	1	X					
7	5	0.00	0.03	0.08	2	L X H					
7	6	0.00	0.03	0.09	2	L X H					
7	7	0.00	0.03	0.09	2	L X H					
7	8	0.00	0.03	0.09	2	L X H					
7	9	0.00	0.03	0.09	2	L X H					
7	10	0.00	0.03	0.09	2	L X H					
7	11	0.01	0.04	0.07	3	L X H					
7	12	0.02	0.07	0.12	4	L X H					
7	13	0.02	0.07	0.12	4	L X H					
7	14	0.03	0.10	0.17	4	L X H					
7	15	0.03	0.10	0.17	4	L X H					
7	16	0.05	0.11	0.18	4	L X H					
7	17	0.05	0.11	0.18	4	L X H					
7	18	0.03	0.09	0.16	5	L X H					
7	19	0.02	0.07	0.12	8	L X H					
7	20	0.02	0.08	0.15	9	L X H					
7	21	0.02	0.09	0.15	9	L X H					
7	22	0.02	0.09	0.15	9	L X H					
7	23	0.02	0.10	0.18	9	L X H					
7	24	0.03	0.12	0.21	9	L X H					
7	25	0.03	0.13	0.23	10	L X H					
7	26	0.05	0.18	0.31	10	L X H					
7	27	0.07	0.20	0.34	10	L X H					
7	28	0.11	0.28	0.45	10	L X H					
7	29	0.16	0.33	0.50	11	L X H					
7	30	0.19	0.36	0.54	11	L X H					
7	31	0.20	0.38	0.56	11	L X H					
8	1	0.16	0.32	0.49	10	L X H					
8	2	0.17	0.34	0.51	10	L X H					
8	3	0.14	0.27	0.40	9	L X H					
8	4	0.15	0.29	0.44	9	L X H					
8	5	0.18	0.31	0.44	10	L X H					
8	6	0.25	0.37	0.49	10	L X H					
8	7	0.25	0.38	0.51	10	L X H					
8	8	0.25	0.38	0.51	10	L X H					
8	9	0.28	0.41	0.53	10	L X H					
8	10	0.27	0.34	0.42	9	L X H					
8	11	0.31	0.37	0.43	9	L X H					
8	12	0.31	0.37	0.43	9	L X H					
8	13	0.31	0.42	0.52	9	L X H					
8	14	0.37	0.46	0.56	9	L X H					
8	15	0.37	0.46	0.56	9	L X H					
8	16	0.37	0.46	0.56	9	L X H					
8	17	0.37	0.46	0.56	9	L X H					
8	18	0.37	0.46	0.56	9	L X H					
8	19	0.41	0.52	0.64	9	L X H					
8	20	0.41	0.52	0.64	9	L X H					
8	21	0.46	0.56	0.66	9	L X H					
8	22	0.46	0.56	0.66	9	L X H					
8	23	0.50	0.61	0.71	9	L X H					
8	24	0.50	0.61	0.71	9	L X H					
8	25	0.50	0.61	0.71	9	L X H					
8	26	0.50	0.61	0.71	9	L X H					
8	27	0.50	0.61	0.71	9	L X H					
8	28	0.54	0.66	0.79	9	L X H					
8	29	0.51	0.62	0.73	8	L X H					
8	30	0.59	0.70	0.82	8	L X H					

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Table 28. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	31	0.63	0.74	0.85	7				L	X	H
9	1	0.59	0.70	0.80	6				L	X	H
9	2	0.59	0.70	0.80	6				L	X	H
9	3	0.64	0.77	0.89	6				L	X	H
9	4	0.60	0.72	0.84	5				L	X	H
9	5	0.67	0.80	0.94	5				L	X	H
9	6	0.62	0.80	0.97	4				L	X	H
9	7	0.55	0.80	1.00	3				L	X	H
9	8	0.55	1.00	1.00	2				L		X

Table 29. Port Dick pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	12	0.00	0.01	0.00	1	X					
6	13	0.00	0.04	0.00	1		X				
6	14	0.00	0.04	0.00	1		X				
6	15	0.00	0.04	0.00	1		X				
6	16	0.00	0.04	0.00	1		X				
6	17	0.00	0.04	0.00	1		X				
6	18	0.00	0.04	0.00	1		X				
6	19	0.00	0.04	0.00	1		X				
6	20	0.00	0.04	0.00	1		X				
6	21	0.00	0.04	0.00	1		X				
6	22	0.00	0.04	0.00	1		X				
6	23	0.00	0.04	0.00	1		X				
6	24	0.00	0.04	0.00	1		X				
6	25	0.00	0.04	0.00	1		X				
6	26	0.00	0.04	0.00	1		X				
6	27	0.00	0.02	0.05	2	LXH					
6	28	0.02	0.03	0.04	2	XH					
6	29	0.01	0.02	0.04	3	LXH					
6	30	0.01	0.02	0.04	3	LXH					
7	1	0.01	0.02	0.04	3	LXH					
7	2	0.00	0.01	0.03	5	LX					
7	3	0.00	0.01	0.03	5	LX					
7	4	0.00	0.01	0.02	6	LX					
7	5	0.00	0.02	0.03	6	LXH					
7	6	0.00	0.02	0.04	6	LXH					
7	7	0.01	0.04	0.07	7	L XH					
7	8	0.00	0.03	0.07	10	L XH					
7	9	0.00	0.04	0.08	10	L X H					
7	10	0.00	0.05	0.10	10	L X H					
7	11	0.00	0.06	0.11	10	L X H					
7	12	0.01	0.07	0.13	10	L X H					
7	13	0.02	0.09	0.16	10	L X H					
7	14	0.02	0.09	0.16	11	L X H					
7	15	0.02	0.08	0.14	13	L X H					
7	16	0.02	0.08	0.13	15	L X H					
7	17	0.02	0.08	0.14	16	L X H					
7	18	0.03	0.09	0.16	16	L X H					
7	19	0.02	0.09	0.15	18	L X H					
7	20	0.03	0.09	0.16	19	L X H					
7	21	0.03	0.10	0.18	19	L X H					
7	22	0.04	0.11	0.18	19	L X H					
7	23	0.04	0.13	0.21	19	L X H					
7	24	0.05	0.13	0.22	20	L X H					
7	25	0.07	0.16	0.25	21	L X H					
7	26	0.08	0.17	0.26	21	L X H					
7	27	0.09	0.18	0.28	21	L X H					
7	28	0.11	0.21	0.31	21	L X H					
7	29	0.12	0.22	0.32	21	L X H					
7	30	0.14	0.24	0.34	21	L X H					
7	31	0.18	0.28	0.38	21	L X H					
8	1	0.23	0.33	0.43	21	L X H					
8	2	0.26	0.36	0.46	21	L X H					
8	3	0.28	0.38	0.48	21	L X H					
8	4	0.33	0.43	0.53	21	L X H					
8	5	0.36	0.46	0.56	21	L X H					
8	6	0.37	0.47	0.57	21	L X H					
8	7	0.40	0.50	0.60	21	L X H					
8	8	0.41	0.51	0.61	21	L X H					

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Table 29. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	9	0.44	0.54	0.64	21			L	X	H	
8	10	0.45	0.55	0.65	21			L	X	H	
8	11	0.48	0.58	0.67	21			L	X	H	
8	12	0.50	0.60	0.70	21			L	X	H	
8	13	0.53	0.63	0.73	21			L	X	H	
8	14	0.55	0.65	0.74	20			L	X	H	
8	15	0.57	0.67	0.77	20			L	X	H	
8	16	0.59	0.69	0.79	20			L	X	H	
8	17	0.60	0.70	0.80	20			L	X	H	
8	18	0.64	0.73	0.82	20			L	X	H	
8	19	0.67	0.75	0.83	20			L	X	H	
8	20	0.68	0.76	0.84	20			L	X	H	
8	21	0.72	0.79	0.86	20			L	X	H	
8	22	0.74	0.80	0.86	20			L	X	H	
8	23	0.75	0.81	0.87	20			L	X	H	
8	24	0.76	0.82	0.88	20			L	X	H	
8	25	0.76	0.82	0.88	20			L	X	H	
8	26	0.81	0.86	0.91	20			L	X	H	
8	27	0.82	0.87	0.91	20			L	X	H	
8	28	0.83	0.88	0.92	20			L	X	H	
8	29	0.84	0.88	0.93	20			L	X	H	
8	30	0.83	0.88	0.93	19			L	X	H	
8	31	0.84	0.88	0.93	19			L	X	H	
9	1	0.84	0.88	0.93	19			L	X	H	
9	2	0.84	0.89	0.94	19			L	X	H	
9	3	0.88	0.92	0.96	19			L	X	H	
9	4	0.92	0.94	0.97	18				LXH		
9	5	0.93	0.95	0.97	16				LXH		
9	6	0.94	0.96	0.98	13				LXH		
9	7	0.93	0.95	0.97	11				LXH		
9	8	0.94	0.96	0.98	11				LXH		
9	9	0.95	0.97	0.99	11				LXH		
9	10	0.94	0.97	0.99	8				LXH		
9	11	0.98	0.99	1.00	6				LX		
9	12	0.99	0.99	0.99	2				X		
9	13	0.99	0.99	0.99	2				X		
9	14	0.99	1.00	1.00	2				LX		
9	15	0.99	0.99	1.00	1				X		
9	16	0.99	0.99	1.00	1				X		
9	17	0.99	0.99	1.00	1				X		
9	18	0.99	0.99	1.00	1				X		
9	19	0.99	0.99	1.00	1				X		
9	20	0.99	0.99	1.00	1				X		
9	21	0.99	0.99	1.00	1				X		
9	22	0.99	1.00	1.00	1				X		
9	23	0.99	1.00	1.00	1				X		
9	24	0.99	1.00	1.00	1				X		
9	25	0.99	1.00	1.00	1				X		
9	26	0.99	1.00	1.00	1				X		
9	27	0.99	1.00	1.00	1				X		
9	28	0.99	1.00	1.00	1				X		
9	29	0.99	1.00	1.00	1				X		
9	30	0.99	1.00	1.00	1				X		

Table 30. Nuka Island pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	5	0.00	0.00	0.00	1	X					
7	6	0.00	0.00	0.00	1	X					
7	7	0.00	0.00	0.00	1	X					
7	8	0.00	0.00	0.00	1	X					
7	9	0.00	0.00	0.00	1	X					
7	10	0.00	0.00	0.00	1	X					
7	11	0.00	0.00	0.00	2	X					
7	12	0.00	0.00	0.01	3	X					
7	13	0.00	0.00	0.01	3	X					
7	14	0.00	0.00	0.01	3	X					
7	15	0.00	0.00	0.01	3	X					
7	16	0.00	0.00	0.01	3	XH					
7	17	0.00	0.00	0.01	4	X					
7	18	0.00	0.02	0.05	5	LXH					
7	19	0.01	0.08	0.14	5	L X H					
7	20	0.02	0.15	0.28	5	L X H					
7	21	0.09	0.20	0.30	6	L X H					
7	22	0.12	0.23	0.35	6	L X H					
7	23	0.14	0.26	0.38	6	L X H					
7	24	0.15	0.27	0.40	6	L X H					
7	25	0.18	0.32	0.46	6	L X H					
7	26	0.27	0.41	0.56	6	L X H					
7	27	0.29	0.49	0.70	6	L X H					
7	28	0.36	0.57	0.79	6	L X H					
7	29	0.42	0.63	0.84	6	L X H					
7	30	0.42	0.63	0.84	6	L X H					
7	31	0.46	0.67	0.89	6	L X H					
8	1	0.46	0.68	0.90	6	L X H					
8	2	0.56	0.72	0.87	6	L X H					
8	3	0.74	0.81	0.87	6	L X H					
8	4	0.81	0.86	0.91	6	L X H					
8	5	0.82	0.86	0.91	6	L X H					
8	6	0.82	0.88	0.93	6	L X H					
8	7	0.80	0.85	0.90	5	L X H					
8	8	0.81	0.86	0.90	5	L X H					
8	9	0.81	0.86	0.91	5	L X H					
8	10	0.81	0.86	0.91	5	L X H					
8	11	0.81	0.86	0.91	5	L X H					
8	12	0.81	0.86	0.91	5	L X H					
8	13	0.81	0.86	0.91	5	L X H					
8	14	0.81	0.86	0.91	5	L X H					
8	15	0.81	0.86	0.91	5	L X H					
8	16	0.81	0.86	0.91	5	L X H					
8	17	0.81	0.86	0.91	5	L X H					
8	18	0.81	0.86	0.91	5	L X H					
8	19	0.81	0.86	0.91	5	L X H					
8	20	0.81	0.86	0.91	5	L X H					
8	21	0.81	0.86	0.91	5	L X H					
8	22	0.81	0.86	0.91	5	L X H					
8	23	0.81	0.86	0.91	5	L X H					
8	24	0.81	0.86	0.91	5	L X H					
8	25	0.86	0.91	0.96	5	L X H					
8	26	0.89	0.94	0.99	5	L X H					
8	27	0.89	0.94	0.99	5	L X H					
8	28	0.97	0.99	1.00	5	XH					
8	29	0.96	0.98	1.00	3	LXH					
8	30	0.96	0.98	1.00	3	LXH					
8	31	0.96	0.98	1.00	3	LXH					

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Table 30. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
9	1	0.96	0.98	1.00	3					LXH	
9	2	0.96	0.98	1.00	3					LXH	
9	3	0.96	0.98	1.00	3					LXH	
9	4	0.96	0.98	1.00	3					LXH	
9	5	0.96	0.98	1.00	3					LXH	
9	6	0.96	0.98	1.00	3					LXH	
9	7	1.00	1.00	1.00	3					X	
9	8	1.00	1.00	1.00	2					X	
9	9	1.00	1.00	1.00	2					X	
9	10	1.00	1.00	1.00	2					X	
9	11	1.00	1.00	1.00	2					X	
9	12	1.00	1.00	1.00	2					X	
9	13	1.00	1.00	1.00	2					X	
9	14	1.00	1.00	1.00	2					X	
9	15	1.00	1.00	1.00	1					X	
9	16	1.00	1.00	1.00	1					X	
9	17	1.00	1.00	1.00	1					X	

Table 31. East Arm Nuka Bay pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	22	0.00	0.00	0.00	1	X					
6	23	0.00	0.00	0.00	1	X					
6	24	0.00	0.00	0.00	2	X					
6	25	0.00	0.00	0.00	2	X					
6	26	0.00	0.00	0.00	4	X					
6	27	0.00	0.00	0.00	5	X					
6	28	0.00	0.00	0.00	6	X					
6	29	0.00	0.00	0.00	7	X					
6	30	0.00	0.00	0.00	9	X					
7	1	0.00	0.00	0.00	10	X					
7	2	0.00	0.03	0.07	12	L X H					
7	3	0.00	0.03	0.07	13	L X H					
7	4	0.00	0.02	0.06	15	L X H					
7	5	0.00	0.02	0.06	15	L X H					
7	6	0.00	0.03	0.06	16	L X H					
7	7	0.00	0.03	0.06	16	L X H					
7	8	0.00	0.04	0.08	16	L X H					
7	9	0.01	0.04	0.08	16	L X H					
7	10	0.01	0.04	0.08	17	L X H					
7	11	0.01	0.05	0.08	17	L X H					
7	12	0.01	0.05	0.08	18	L X H					
7	13	0.01	0.05	0.09	18	L X H					
7	14	0.02	0.06	0.10	18	L X H					
7	15	0.02	0.07	0.13	19	L X H					
7	16	0.02	0.09	0.16	19	L X H					
7	17	0.02	0.09	0.16	19	L X H					
7	18	0.03	0.09	0.16	19	L X H					
7	19	0.03	0.10	0.17	19	L X H					
7	20	0.04	0.11	0.18	19	L X H					
7	21	0.04	0.11	0.18	19	L X H					
7	22	0.05	0.12	0.18	19	L X H					
7	23	0.06	0.13	0.20	19	L X H					
7	24	0.08	0.15	0.21	19	L X H					
7	25	0.10	0.17	0.24	20	L X H					
7	26	0.11	0.18	0.25	20	L X H					
7	27	0.12	0.20	0.27	20	L X H					
7	28	0.15	0.22	0.30	20	L X H					
7	29	0.16	0.25	0.33	20	L X H					
7	30	0.17	0.26	0.34	20	L X H					
7	31	0.20	0.29	0.37	20	L X H					
8	1	0.23	0.32	0.41	20	L X H					
8	2	0.24	0.33	0.41	20	L X H					
8	3	0.26	0.36	0.45	20	L X H					
8	4	0.29	0.39	0.49	20	L X H					
8	5	0.34	0.44	0.54	20	L X H					
8	6	0.33	0.43	0.52	19	L X H					
8	7	0.35	0.44	0.54	19	L X H					
8	8	0.38	0.48	0.57	19	L X H					
8	9	0.42	0.51	0.61	19	L X H					
8	10	0.45	0.54	0.63	19	L X H					
8	11	0.45	0.54	0.63	19	L X H					
8	12	0.49	0.58	0.66	19	L X H					
8	13	0.52	0.60	0.68	19	L X H					
8	14	0.53	0.61	0.69	19	L X H					
8	15	0.54	0.62	0.70	19	L X H					
8	16	0.54	0.62	0.70	19	L X H					
8	17	0.55	0.63	0.71	19	L X H					
8	18	0.56	0.64	0.72	19	L X H					

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Table 31. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	19	0.57	0.65	0.73	19				L	X	H
8	20	0.58	0.65	0.73	19				L	X	H
8	21	0.58	0.66	0.74	19				L	X	H
8	22	0.59	0.67	0.75	19				L	X	H
8	23	0.59	0.67	0.75	19				L	X	H
8	24	0.68	0.75	0.82	19				L	X	H
8	25	0.65	0.72	0.79	17				L	X	H
8	26	0.65	0.72	0.79	17				L	X	H
8	27	0.70	0.77	0.84	17				L	X	H
8	28	0.69	0.75	0.82	16				L	X	H
8	29	0.76	0.83	0.90	16				L	X	H
8	30	0.77	0.84	0.91	14				L	X	H
8	31	0.81	0.87	0.93	13				L	X	H
9	1	0.78	0.84	0.91	11				L	X	H
9	2	0.81	0.87	0.94	11				L	X	H
9	3	0.83	0.89	0.96	11				L	X	H
9	4	0.92	0.96	1.00	9				L	X	H
9	5	0.89	0.94	0.99	6				L	X	H
9	6	0.89	0.95	1.00	6				L	X	H
9	7	0.88	0.93	0.99	5				L	X	H
9	8	0.85	0.92	0.99	4				L	X	H
9	9	0.85	0.92	0.99	4				L	X	H
9	10	0.85	0.92	0.99	4				L	X	H
9	11	0.85	0.92	0.99	4				L	X	H
9	12	0.85	0.92	0.99	4				L	X	H
9	13	0.85	0.92	0.99	4				L	X	H
9	14	0.85	0.93	1.00	4				L	X	H
9	15	0.79	0.85	0.91	2				L	X	H
9	16	0.75	0.91	1.00	2				L		H
9	17	0.75	0.91	1.00	2				L	X	H
9	18	0.75	0.91	1.00	2				L		H
9	19	0.75	0.91	1.00	2				L	X	H
9	20	0.75	0.91	1.00	2				L	X	H
9	21	0.75	0.91	1.00	2				L	X	H
9	22	0.75	0.91	1.00	2				L	X	H
9	23	0.75	0.91	1.00	2				L	X	H
9	24	0.75	0.91	1.00	2				L	X	H
9	25	0.75	0.91	1.00	2				L	X	H
9	26	0.75	0.91	1.00	2				L	X	H
9	27	0.75	0.81	1.00	1					X	
9	28	0.75	0.81	1.00	1					X	
9	29	0.75	0.81	1.00	1					X	
9	30	0.75	1.00	1.00	1						X

Table 32. Aialik Bay pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	21	0.00	0.00	0.00	1	X					
6	22	0.00	0.00	0.00	1	X					
6	23	0.00	0.00	0.00	1	X					
6	24	0.00	0.00	0.00	1	X					
6	25	0.00	0.00	0.00	1	X					
6	26	0.00	0.00	0.00	1	X					
6	27	0.00	0.00	0.00	1	X					
6	28	0.00	0.00	0.00	1	X					
6	29	0.00	0.00	0.00	1	X					
6	30	0.00	0.00	0.00	1	X					
7	1	0.00	0.00	0.01	2	X					
7	2	0.00	0.00	0.01	2	X					
7	3	0.00	0.01	0.02	3	XH					
7	4	0.00	0.01	0.02	3	XH					
7	5	0.00	0.01	0.03	4	LX					
7	6	0.00	0.02	0.05	4	LX H					
7	7	0.00	0.03	0.06	4	LX H					
7	8	0.00	0.03	0.06	4	LX H					
7	9	0.00	0.03	0.07	5	L XH					
7	10	0.00	0.04	0.08	5	L X H					
7	11	0.01	0.05	0.10	5	L X H					
7	12	0.02	0.10	0.19	6	L X H					
7	13	0.04	0.12	0.20	6	L X H					
7	14	0.05	0.13	0.21	6	L X H					
7	15	0.06	0.14	0.21	6	L X H					
7	16	0.07	0.16	0.24	6	L X H					
7	17	0.08	0.16	0.25	6	L X H					
7	18	0.11	0.19	0.27	6	L X H					
7	19	0.11	0.20	0.29	6	L X H					
7	20	0.13	0.23	0.33	6	L X H					
7	21	0.13	0.23	0.34	6	L X H					
7	22	0.15	0.25	0.34	6	L X H					
7	23	0.17	0.31	0.44	6	L X H					
7	24	0.18	0.31	0.44	6	L X H					
7	25	0.22	0.34	0.47	6	L X H					
7	26	0.24	0.38	0.53	6	L X H					
7	27	0.27	0.45	0.64	6	L X H					
7	28	0.27	0.47	0.67	6	L X H					
7	29	0.30	0.50	0.71	6	L X H					
7	30	0.30	0.52	0.73	6	L X H					
7	31	0.36	0.55	0.73	6	L X H					
8	1	0.36	0.55	0.73	6	L X H					
8	2	0.36	0.55	0.74	6	L X H					
8	3	0.36	0.55	0.74	6	L X H					
8	4	0.36	0.55	0.74	6	L X H					
8	5	0.36	0.55	0.74	6	L X H					
8	6	0.36	0.55	0.74	6	L X H					
8	7	0.44	0.59	0.74	6	L X H					
8	8	0.44	0.59	0.74	6	L X H					
8	9	0.44	0.59	0.74	6	L X H					
8	10	0.44	0.59	0.74	6	L X H					
8	11	0.44	0.59	0.74	6	L X H					
8	12	0.44	0.59	0.74	6	L X H					
8	13	0.44	0.59	0.74	6	L X H					
8	14	0.44	0.59	0.74	6	L X H					
8	15	0.44	0.59	0.74	6	L X H					
8	16	0.45	0.60	0.75	6	L X H					
8	17	0.45	0.60	0.75	6	L X H					

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Table 32. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	18	0.47	0.64	0.81	6			L	X	H	
8	19	0.47	0.64	0.81	6			L	X	H	
8	20	0.47	0.64	0.81	6			L	X	H	
8	21	0.47	0.64	0.81	6			L	X	H	
8	22	0.47	0.64	0.81	6			L	X	H	
8	23	0.47	0.64	0.81	6			L	X	H	
8	24	0.51	0.72	0.94	6			L	X	H	
8	25	0.56	0.77	0.99	4			L	X	H	
8	26	0.45	0.70	0.94	3			L	X	H	
8	27	0.45	0.70	0.94	3			L	X	H	
8	28	0.45	0.70	0.94	3			L	X	H	
8	29	0.45	0.70	0.94	3			L	X	H	
8	30	0.81	0.90	0.98	3				L	X	H
8	31	0.83	0.85	0.86	2				LXH		
9	1	0.83	0.85	0.86	2				LXH		
9	2	0.83	0.85	0.86	2				LXH		
9	3	0.83	0.85	0.86	2				LXH		
9	4	0.83	0.85	0.86	2				LXH		
9	5	0.83	0.85	0.86	2				LXH		
9	6	0.78	0.92	1.00	2				L	X	H
9	7	0.78	1.00	1.00	1					X	

Table 33. Resurrection Bay pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	11	0.00	0.09	0.00	1		X				
7	12	0.00	0.09	0.00	1		X				
7	13	0.00	0.09	0.00	1		X				
7	14	0.00	0.09	0.00	1		X				
7	15	0.00	0.09	0.00	1		X				
7	16	0.00	0.09	0.00	1		X				
7	17	0.00	0.09	0.00	1		X				
7	18	0.00	0.26	0.00	1			X			
7	19	0.00	0.26	0.00	1			X			
7	20	0.00	0.14	0.34	2	L	X		H		
7	21	0.00	0.20	0.49	3	L	X			H	
7	22	0.00	0.15	0.37	4	L	X		H		
7	23	0.04	0.20	0.36	5	L	X		H		
7	24	0.03	0.18	0.32	6	L	X	H			
7	25	0.01	0.22	0.42	6	L	X		H		
7	26	0.02	0.20	0.38	7	L	X		H		
7	27	0.03	0.21	0.38	7	L	X		H		
7	28	0.03	0.21	0.38	7	L	X		H		
7	29	0.03	0.21	0.38	7	L	X		H		
7	30	0.08	0.27	0.47	7	L	X		H		
7	31	0.14	0.34	0.54	7	L	X		H		
8	1	0.16	0.36	0.56	7	L	X		H		
8	2	0.19	0.38	0.58	7	L	X		H		
8	3	0.21	0.40	0.59	7	L	X		H		
8	4	0.26	0.43	0.60	7	L	X		H		
8	5	0.26	0.43	0.60	7	L	X		H		
8	6	0.32	0.53	0.74	7	L	X		H		
8	7	0.44	0.66	0.87	7		L	X		H	
8	8	0.45	0.67	0.89	7		L	X		H	
8	9	0.75	0.83	0.90	7			L	X	H	
8	10	0.82	0.88	0.94	7			L	X	H	
8	11	0.82	0.88	0.94	7			L	X	H	
8	12	0.82	0.88	0.94	7			L	X	H	
8	13	0.82	0.88	0.94	7			L	X	H	
8	14	0.81	0.86	0.92	6			L	X	H	
8	15	0.81	0.86	0.92	6			L	X	H	
8	16	0.81	0.86	0.92	6			L	X	H	
8	17	0.81	0.86	0.92	6			L	X	H	
8	18	0.81	0.87	0.92	6			L	X	H	
8	19	0.81	0.87	0.93	6			L	X	H	
8	20	0.82	0.87	0.93	6			L	X	H	
8	21	0.84	0.89	0.94	6			L	X	H	
8	22	0.84	0.89	0.94	6			L	X	H	
8	23	0.84	0.89	0.94	6			L	X	H	
8	24	0.84	0.89	0.94	6			L	X	H	
8	25	0.85	0.90	0.94	6			L	X	H	
8	26	0.85	0.90	0.94	6			L	X	H	
8	27	0.89	0.92	0.96	6			L	X	H	
8	28	0.90	0.94	0.97	6			L	X	H	
8	29	0.90	0.94	0.97	6			L	X	H	
8	30	0.90	0.94	0.97	6			L	X	H	
8	31	0.93	0.96	0.99	6			L	X	H	
9	1	0.92	0.95	0.98	5			L	X	H	
9	2	0.92	0.95	0.99	5			L	X	H	
9	3	0.92	0.95	0.99	5			L	X	H	
9	4	0.93	0.96	0.99	5			L	X	H	
9	5	0.92	0.96	0.99	4			L	X	H	
9	6	0.97	0.98	1.00	4					XH	

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Table 33. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
9	7	0.97	0.98	1.00	4						XH
9	8	0.97	0.99	1.00	4						XH
9	9	0.97	0.99	1.00	4						XH
9	10	0.98	0.99	1.00	4						LX
9	11	0.97	0.99	1.00	3						LXH
9	12	0.97	1.00	1.00	3						L X
9	13	0.97	1.00	1.00	1						X
9	14	0.97	1.00	1.00	1						X

Table 34. Iniskin Bay pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	4	0.00	0.11	0.00	1		X				
8	5	0.05	0.09	0.12	2		LX H				
8	6	0.06	0.09	0.12	2		L XH				
8	7	0.06	0.09	0.12	2		L XH				
8	8	0.07	0.10	0.12	2		LXH				
8	9	0.10	0.13	0.16	2		LX H				
8	10	0.10	0.13	0.16	2		LX H				
8	11	0.10	0.13	0.16	2		LX H				
8	12	0.10	0.13	0.16	2		LX H				
8	13	0.10	0.13	0.16	2		LX H				
8	14	0.02	0.35	0.67	2	L		X		H	
8	15	0.02	0.35	0.67	2	L		X		H	
8	16	0.02	0.35	0.67	2	L		X		H	
8	17	0.02	0.35	0.67	2	L		X		H	
8	18	0.02	0.35	0.67	2	L		X		H	
8	19	0.02	0.35	0.67	2	L		X		H	
8	20	0.02	0.35	0.67	2	L		X		H	
8	21	0.33	0.46	0.59	2		L	X	H		
8	22	0.39	0.48	0.58	2		L	X	H		
8	23	0.39	0.48	0.58	2		L	X	H		
8	24	0.39	0.48	0.58	2		L	X	H		
8	25	0.39	0.48	0.58	2		L	X	H		
8	26	0.39	0.49	0.58	2		L	X	H		
8	27	0.39	0.49	0.58	2		L	X	H		
8	28	0.39	0.77	1.00	2		L		X		H
8	29	0.39	0.54	1.00	1			X			
8	30	0.39	0.54	1.00	1			X			
8	31	0.39	0.54	1.00	1			X			
9	1	0.39	0.54	1.00	1						X
9	2	0.39	1.00	1.00	1						X

Table 35. Cottonwood Bay pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	19	0.00	0.37	0.00	1			X			
7	20	0.00	0.37	0.00	1			X			
7	21	0.00	0.37	0.00	1			X			
7	22	0.00	0.37	0.00	1			X			
7	23	0.00	0.37	0.00	1			X			
7	24	0.00	0.37	0.00	1			X			
7	25	0.00	0.37	0.00	1			X			
7	26	0.00	0.37	0.00	1			X			
7	27	0.00	0.20	0.48	2	L	X		H		
7	28	0.00	0.16	0.33	3	L	X		H		
7	29	0.00	0.16	0.33	3	L	X		H		
7	30	0.00	0.16	0.33	3	L	X		H		
7	31	0.00	0.16	0.33	3	L	X		H		
8	1	0.00	0.16	0.33	3	L	X		H		
8	2	0.06	0.18	0.29	4	L	X	H			
8	3	0.12	0.23	0.34	4	L	X	H			
8	4	0.05	0.37	0.70	4	L		X		H	
8	5	0.05	0.37	0.70	4	L		X		H	
8	6	0.05	0.37	0.70	4	L		X		H	
8	7	0.12	0.46	0.79	4	L		X		H	
8	8	0.25	0.56	0.86	4		L		X		H
8	9	0.25	0.56	0.86	4		L		X		H
8	10	0.28	0.61	0.93	4		L		X		H
8	11	0.28	0.61	0.93	4		L		X		H
8	12	0.28	0.61	0.93	4		L		X		H
8	13	0.29	0.66	1.00	4		L		X		H
8	14	0.00	0.46	1.00	2	L			X		H
8	15	0.00	0.46	1.00	2	L			X		H
8	16	0.00	0.46	1.00	2	L			X		H
8	17	0.00	0.53	1.00	2	L			X		H
8	18	0.00	0.41	1.00	1			X			
8	19	0.00	0.41	1.00	1			X			
8	20	0.00	0.41	1.00	1			X			
8	21	0.00	0.41	1.00	1			X			
8	22	0.00	0.41	1.00	1			X			
8	23	0.00	0.41	1.00	1			X			
8	24	0.00	0.41	1.00	1			X			
8	25	0.00	0.41	1.00	1			X			
8	26	0.00	0.41	1.00	1			X			
8	27	0.00	0.41	1.00	1			X			
8	28	0.00	0.41	1.00	1			X			
8	29	0.00	0.41	1.00	1			X			
8	30	0.00	1.00	1.00	1						X

Table 36. Ursus Cove pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	14	0.00	0.01	0.00	1	X					
7	15	0.00	0.04	0.09	2	L	X	H			
7	16	0.00	0.03	0.06	3	LX	H				
7	17	0.01	0.04	0.07	5	LX	H				
7	18	0.02	0.06	0.10	5	L	X	H			
7	19	0.02	0.06	0.10	5	L	X	H			
7	20	0.04	0.08	0.11	7	L	X	H			
7	21	0.06	0.12	0.19	8	L	X	H			
7	22	0.07	0.14	0.21	8	L	X	H			
7	23	0.08	0.17	0.27	8	L	X	H			
7	24	0.10	0.20	0.29	8	L	X	H			
7	25	0.12	0.21	0.31	8	L	X	H			
7	26	0.12	0.22	0.32	8	L	X	H			
7	27	0.14	0.27	0.40	8	L	X	H			
7	28	0.17	0.30	0.43	8	L	X	H			
7	29	0.18	0.30	0.43	8	L	X	H			
7	30	0.19	0.33	0.48	8	L	X	H			
7	31	0.19	0.34	0.49	8	L	X	H			
8	1	0.25	0.40	0.54	8	L	X	H			
8	2	0.27	0.45	0.63	8	L	X	H			
8	3	0.28	0.46	0.64	8	L	X	H			
8	4	0.39	0.55	0.70	9	L	X	H			
8	5	0.39	0.55	0.70	9	L	X	H			
8	6	0.46	0.62	0.79	9	L	X	H			
8	7	0.46	0.63	0.79	9	L	X	H			
8	8	0.43	0.59	0.75	10	L	X	H			
8	9	0.44	0.61	0.78	10	L	X	H			
8	10	0.40	0.58	0.75	9	L	X	H			
8	11	0.40	0.58	0.75	9	L	X	H			
8	12	0.41	0.59	0.76	9	L	X	H			
8	13	0.47	0.63	0.78	9	L	X	H			
8	14	0.48	0.64	0.79	9	L	X	H			
8	15	0.50	0.66	0.81	9	L	X	H			
8	16	0.54	0.70	0.87	9	L	X	H			
8	17	0.66	0.77	0.88	9	L	X	H			
8	18	0.67	0.78	0.88	9	L	X	H			
8	19	0.67	0.78	0.89	9	L	X	H			
8	20	0.65	0.76	0.88	8	L	X	H			
8	21	0.66	0.78	0.90	8	L	X	H			
8	22	0.62	0.74	0.87	7	L	X	H			
8	23	0.62	0.75	0.88	7	L	X	H			
8	24	0.62	0.75	0.88	7	L	X	H			
8	25	0.62	0.75	0.88	7	L	X	H			
8	26	0.63	0.76	0.89	7	L	X	H			
8	27	0.63	0.76	0.89	7	L	X	H			
8	28	0.63	0.76	0.89	7	L	X	H			
8	29	0.63	0.76	0.89	7	L	X	H			
8	30	0.64	0.78	0.92	7	L	X	H			
8	31	0.64	0.78	0.92	7	L	X	H			
9	1	0.64	0.78	0.92	7	L	X	H			
9	2	0.74	0.86	0.97	7	L	X	H			
9	3	0.92	0.96	0.99	6				L	X	H
9	4	0.95	0.98	1.00	3				LXH		
9	5	0.95	0.94	1.00	1				X		
9	6	0.95	0.94	1.00	1				X		
9	7	0.95	0.94	1.00	1				X		
9	8	0.95	1.00	1.00	1				X		

Table 37. Rocky Cove pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	14	0.00	0.00	0.00	1	X					
7	15	0.00	0.01	0.03	2	LX					
7	16	0.00	0.01	0.02	3	LX					
7	17	0.00	0.02	0.04	3	LXH					
7	18	0.01	0.02	0.04	5	XH					
7	19	0.01	0.02	0.04	5	XH					
7	20	0.01	0.03	0.05	5	L XH					
7	21	0.01	0.03	0.05	5	L XH					
7	22	0.01	0.04	0.07	6	L XH					
7	23	0.01	0.04	0.07	6	L XH					
7	24	0.01	0.04	0.06	7	L XH					
7	25	0.00	0.05	0.10	7	L X H					
7	26	0.01	0.05	0.10	7	L X H					
7	27	0.00	0.07	0.13	7	L X H					
7	28	0.00	0.07	0.14	7	L X H					
7	29	0.01	0.07	0.14	7	L X H					
7	30	0.00	0.12	0.24	7	L X H					
7	31	0.00	0.12	0.24	7	L X H					
8	1	0.02	0.13	0.23	8	L X H					
8	2	0.04	0.14	0.24	8	L X H					
8	3	0.04	0.14	0.24	8	L X H					
8	4	0.02	0.18	0.34	8	L X H					
8	5	0.02	0.18	0.35	8	L X H					
8	6	0.08	0.24	0.40	8	L X H					
8	7	0.09	0.25	0.40	8	L X H					
8	8	0.12	0.26	0.39	9	L X H					
8	9	0.11	0.27	0.44	9	L X H					
8	10	0.11	0.18	0.26	8	L X H					
8	11	0.12	0.19	0.27	8	L X H					
8	12	0.15	0.23	0.30	9	L X H					
8	13	0.20	0.34	0.49	9	L X H					
8	14	0.24	0.29	0.35	8	L X H					
8	15	0.24	0.29	0.35	8	L X H					
8	16	0.24	0.29	0.35	8	L X H					
8	17	0.29	0.35	0.41	8	L X H					
8	18	0.29	0.35	0.41	8	L X H					
8	19	0.29	0.35	0.41	8	L X H					
8	20	0.31	0.37	0.42	8	L X H					
8	21	0.31	0.37	0.42	8	L X H					
8	22	0.31	0.37	0.42	8	L X H					
8	23	0.31	0.37	0.42	8	L X H					
8	24	0.31	0.37	0.42	8	L X H					
8	25	0.31	0.37	0.42	8	L X H					
8	26	0.31	0.37	0.42	8	L X H					
8	27	0.31	0.37	0.42	8	L X H					
8	28	0.31	0.37	0.42	8	L X H					
8	29	0.31	0.45	0.59	8	L X H					
8	30	0.31	0.37	0.44	7	L X H					
8	31	0.37	0.56	0.75	7	L X H					
9	1	0.43	0.66	0.89	5	L X H					
9	2	0.49	0.81	1.00	3	L X H					
9	3	0.49	1.00	1.00	1	L X H					

Table 38. Kirschner Lake pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	8	0.00	0.00	0.00	1	X					
7	9	0.00	0.00	0.00	1	X					
7	10	0.00	0.01	0.00	1	X					
7	11	0.00	0.01	0.00	1	X					
7	12	0.00	0.01	0.00	1	X					
7	13	0.00	0.01	0.00	1	X					
7	14	0.00	0.01	0.00	1	X					
7	15	0.00	0.01	0.00	1	X					
7	16	0.00	0.01	0.00	1	X					
7	17	0.00	0.01	0.00	1	X					
7	18	0.00	0.18	0.40	2	L	X	H			
7	19	0.01	0.20	0.39	2	L	X	H			
7	20	0.01	0.20	0.39	2	L	X	H			
7	21	0.00	0.30	0.65	2	L	X		H		
7	22	0.08	0.35	0.62	2	L	X		H		
7	23	0.19	0.37	0.55	4	L	X	H			
7	24	0.31	0.47	0.63	4	L	X	H			
7	25	0.32	0.54	0.75	5	L	X		H		
7	26	0.41	0.60	0.78	5	L	X		H		
7	27	0.39	0.53	0.67	4	L	X	H			
7	28	0.43	0.62	0.81	5	L	X		H		
7	29	0.45	0.56	0.66	4	L	X	H			
7	30	0.48	0.57	0.67	4	L	X	H			
7	31	0.53	0.71	0.88	4	L	X		H		
8	1	0.58	0.64	0.69	3		L	X	H		
8	2	0.64	0.78	0.91	3		L	X	H		
8	3	0.65	0.82	1.00	3		L	X	H		
8	4	0.55	0.75	0.94	2		L	X	H		
8	5	0.53	0.77	1.00	2		L	X	H		
8	6	0.62	0.86	1.00	2		L	X	H		
8	7	0.62	0.97	1.00	1					X	
8	8	0.62	0.97	1.00	1					X	
8	9	0.62	0.97	1.00	1					X	
8	10	0.62	0.97	1.00	1					X	
8	11	0.62	0.97	1.00	1					X	
8	12	0.62	0.97	1.00	1					X	
8	13	0.62	1.00	1.00	1					X	
8	15	0.62	1.00	1.00	1					X	

Table 39. Bruin Bay pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	22	0.00	0.00	0.00	1	X					
6	23	0.00	0.00	0.00	1	X					
6	24	0.00	0.00	0.00	1	X					
6	25	0.00	0.00	0.00	1	X					
6	26	0.00	0.00	0.00	1	X					
6	27	0.00	0.00	0.00	1	X					
6	28	0.00	0.00	0.00	1	X					
6	29	0.00	0.00	0.00	1	X					
6	30	0.00	0.00	0.00	1	X					
7	1	0.00	0.00	0.00	1	X					
7	2	0.00	0.00	0.00	1	X					
7	3	0.00	0.00	0.00	1	X					
7	4	0.00	0.00	0.00	2	X					
7	5	0.00	0.00	0.00	2	X					
7	6	0.00	0.00	0.00	2	X					
7	7	0.00	0.00	0.00	2	X					
7	8	0.00	0.00	0.00	2	X					
7	9	0.00	0.00	0.00	2	X					
7	10	0.00	0.00	0.00	2	X					
7	11	0.00	0.00	0.01	5	X					
7	12	0.00	0.00	0.00	7	X					
7	13	0.00	0.00	0.01	9	X					
7	14	0.00	0.01	0.01	9	X					
7	15	0.00	0.01	0.01	9	XH					
7	16	0.00	0.02	0.03	9	LXH					
7	17	0.00	0.02	0.04	10	LXH					
7	18	0.01	0.02	0.04	10	LXH					
7	19	0.01	0.03	0.04	12	XH					
7	20	0.01	0.03	0.04	12	XH					
7	21	0.01	0.04	0.06	12	LXH					
7	22	0.02	0.04	0.06	13	LXH					
7	23	0.02	0.04	0.06	13	LXH					
7	24	0.03	0.06	0.09	13	LXH					
7	25	0.04	0.07	0.09	14	LX H					
7	26	0.05	0.08	0.10	14	L XH					
7	27	0.06	0.09	0.12	14	L XH					
7	28	0.07	0.11	0.15	14	L XH					
7	29	0.09	0.14	0.19	14	L X H					
7	30	0.11	0.19	0.27	15	L X H					
7	31	0.15	0.23	0.31	15	L X H					
8	1	0.16	0.25	0.34	15	L X H					
8	2	0.16	0.26	0.35	15	L X H					
8	3	0.19	0.29	0.39	15	L X H					
8	4	0.20	0.30	0.41	15	L X H					
8	5	0.25	0.35	0.44	15	L X H					
8	6	0.27	0.36	0.46	15	L X H					
8	7	0.27	0.37	0.47	15	L X H					
8	8	0.29	0.39	0.48	15	L X H					
8	9	0.30	0.40	0.50	15	L X H					
8	10	0.33	0.43	0.53	15	L X H					
8	11	0.41	0.52	0.63	15	L X H					
8	12	0.42	0.53	0.65	15	L X H					
8	13	0.44	0.55	0.65	15	L X H					
8	14	0.47	0.57	0.67	15	L X H					
8	15	0.45	0.54	0.64	14	L X H					
8	16	0.47	0.57	0.66	14	L X H					
8	17	0.47	0.57	0.67	14	L X H					
8	18	0.48	0.57	0.67	14	L X H					

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Table 39. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	19	0.48	0.57	0.67	14			L	X	H	
8	20	0.48	0.58	0.68	14			L	X	H	
8	21	0.48	0.58	0.68	14			L	X	H	
8	22	0.48	0.58	0.68	14			L	X	H	
8	23	0.50	0.60	0.70	14			L	X	H	
8	24	0.50	0.60	0.70	14			L	X	H	
8	25	0.55	0.64	0.73	14			L	X	H	
8	26	0.55	0.64	0.73	14			L	X	H	
8	27	0.59	0.67	0.76	13			L	X	H	
8	28	0.57	0.65	0.72	12			L	X	H	
8	29	0.60	0.69	0.77	12			L	X	H	
8	30	0.63	0.71	0.80	11			L	X	H	
8	31	0.69	0.77	0.85	10			L	X	H	
9	1	0.77	0.84	0.91	9			L	X	H	
9	2	0.82	0.88	0.95	7			L	X	H	
9	3	0.80	0.88	0.97	5			L	X	H	
9	4	0.73	0.85	0.98	3			L	X	H	
9	5	0.72	0.78	0.84	2			L	X	H	
9	6	0.72	0.78	0.84	2			L	X	H	
9	7	0.66	0.87	1.00	2			L	X	H	
9	8	0.66	0.74	1.00	1			X			
9	9	0.66	1.00	1.00	1				X		

Table 40. Kamishak River pink salmon mean daily cumulative proportion of total run, 90% confidence limits, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	25	0.00	0.00	0.00	1	X					
6	26	0.00	0.00	0.00	1	X					
6	27	0.00	0.00	0.00	1	X					
6	28	0.00	0.00	0.00	1	X					
6	29	0.00	0.00	0.00	1	X					
6	30	0.00	0.00	0.00	1	X					
7	1	0.00	0.00	0.00	1	X					
7	2	0.00	0.00	0.00	1	X					
7	3	0.00	0.00	0.00	1	X					
7	4	0.00	0.00	0.00	1	X					
7	5	0.00	0.00	0.00	1	X					
7	6	0.00	0.00	0.00	1	X					
7	7	0.00	0.15	0.00	1		X				
7	8	0.00	0.15	0.00	1		X				
7	9	0.00	0.15	0.00	1		X				
7	10	0.00	0.15	0.00	1		X				
7	11	0.00	0.15	0.00	1		X				
7	12	0.00	0.07	0.19	2	L	X	H			
7	13	0.00	0.07	0.19	2	L	X	H			
7	14	0.00	0.07	0.19	2	L	X	H			
7	15	0.00	0.08	0.20	2	L	X	H			
7	16	0.00	0.08	0.21	2	L	X	H			
7	17	0.00	0.09	0.22	2	L	X	H			
7	18	0.00	0.10	0.26	2	L	X	H			
7	19	0.07	0.15	0.23	2	L	X	H			
7	20	0.18	0.46	0.74	2		L		X		H
7	21	0.26	0.49	0.72	2		L		X		H
7	22	0.38	0.54	0.69	2			L	X		H
7	23	0.38	0.54	0.69	2			L	X		H
7	24	0.05	0.36	0.67	3	L			X		H
7	25	0.05	0.36	0.67	3	L			X		H
7	26	0.07	0.37	0.67	3	L			X		H
7	27	0.03	0.29	0.55	4	L			X		H
7	28	0.10	0.31	0.51	5	L			X		H
7	29	0.10	0.31	0.51	5	L			X		H
7	30	0.15	0.35	0.54	5	L			X		H
7	31	0.17	0.37	0.57	5	L			X		H
8	1	0.17	0.37	0.57	5	L			X		H
8	2	0.21	0.38	0.55	6	L			X		H
8	3	0.27	0.44	0.62	6	L			X		H
8	4	0.42	0.57	0.72	6		L		X		H
8	5	0.42	0.57	0.72	6		L		X		H
8	6	0.43	0.59	0.75	6		L		X		H
8	7	0.52	0.71	0.90	6		L		X		H
8	8	0.46	0.70	0.94	5		L		X		H
8	9	0.63	0.78	0.92	5			L	X		H
8	10	0.58	0.73	0.89	6			L	X		H
8	11	0.60	0.77	0.93	6			L	X		H
8	12	0.60	0.77	0.93	6			L	X		H
8	13	0.60	0.77	0.93	6			L	X		H
8	14	0.54	0.73	0.91	5			L	X		H
8	15	0.54	0.73	0.91	5			L	X		H
8	16	0.54	0.73	0.91	5			L	X		H
8	17	0.54	0.73	0.91	5			L	X		H
8	18	0.54	0.73	0.91	5			L	X		H
8	19	0.54	0.73	0.91	5			L	X		H
8	20	0.54	0.73	0.91	5			L	X		H
8	21	0.54	0.73	0.91	5			L	X		H

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Table 40. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	22	0.54	0.73	0.91	5			L	X	H	
8	23	0.47	0.66	0.85	4			L	X	H	
8	24	0.47	0.66	0.85	4			L	X	H	
8	25	0.47	0.66	0.85	4			L	X	H	
8	26	0.47	0.66	0.85	4			L	X	H	
8	27	0.47	0.66	0.85	4			L	X	H	
8	28	0.47	0.66	0.85	4			L	X	H	
8	29	0.47	0.66	0.85	4			L	X	H	
8	30	0.67	0.81	0.96	4			L	X	H	
8	31	0.77	0.89	1.00	3				L	X	H
9	1	0.89	0.96	1.00	2				L	X	H
9	2	0.89	0.91	1.00	1				X		
9	3	0.89	1.00	1.00	1					X	

Table 41. Humpy Creek chum salmon mean daily proportion of total run, 90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	10	0.00	0.04	0.08	3	L X H					
7	11	0.02	0.07	0.11	3	L X H					
7	12	0.02	0.12	0.23	5	L X H					
7	13	0.03	0.15	0.26	8	L X H					
7	14	0.08	0.21	0.34	11	L X H					
7	15	0.15	0.28	0.41	12	L X H					
7	16	0.15	0.30	0.44	12	L X H					
7	17	0.15	0.28	0.42	14	L X H					
7	18	0.19	0.32	0.45	15	L X H					
7	19	0.21	0.33	0.46	15	L X H					
7	20	0.22	0.34	0.46	16	L X H					
7	21	0.25	0.37	0.49	16	L X H					
7	22	0.26	0.38	0.49	17	L X H					
7	23	0.32	0.43	0.53	17	L X H					
7	24	0.39	0.49	0.59	17	L X H					
7	25	0.40	0.50	0.61	17	L X H					
7	26	0.42	0.53	0.63	17	L X H					
7	27	0.44	0.55	0.65	17	L X H					
7	28	0.44	0.54	0.64	18	L X H					
7	29	0.46	0.54	0.63	17	L X H					
7	30	0.47	0.55	0.63	17	L X H					
7	31	0.51	0.59	0.68	17	L X H					
8	1	0.55	0.63	0.72	17	L X H					
8	2	0.56	0.64	0.73	17	L X H					
8	3	0.61	0.68	0.76	17	L X H					
8	4	0.62	0.69	0.77	17	L X H					
8	5	0.66	0.74	0.82	17	L X H					
8	6	0.66	0.75	0.83	16	L X H					
8	7	0.65	0.74	0.83	15	L X H					
8	8	0.64	0.73	0.82	14	L X H					
8	9	0.64	0.74	0.84	13	L X H					
8	10	0.73	0.79	0.86	13	L X H					
8	11	0.77	0.83	0.88	13	L X H					
8	12	0.80	0.85	0.90	13	L X H					
8	13	0.80	0.85	0.90	13	L X H					
8	14	0.82	0.88	0.93	13	L X H					
8	15	0.81	0.87	0.92	12	L X H					
8	16	0.81	0.87	0.93	12	L X H					
8	17	0.81	0.87	0.93	12	L X H					
8	18	0.82	0.88	0.94	12	L X H					
8	19	0.80	0.88	0.95	10	L X H					
8	20	0.78	0.86	0.94	9	L X H					
8	21	0.79	0.87	0.95	9	L X H					
8	22	0.75	0.86	0.96	7	L X H					
8	23	0.75	0.86	0.96	7	L X H					
8	24	0.78	0.89	1.00	7	L X H					
8	25	0.75	0.87	0.99	6	L X H					
8	26	0.75	0.87	1.00	6	L X H					
8	27	0.70	0.85	0.99	5	L X H					
8	28	0.70	0.85	0.99	5	L X H					
8	29	0.70	0.85	0.99	5	L X H					
8	30	0.70	0.85	0.99	5	L X H					
8	31	0.70	0.85	0.99	5	L X H					
9	1	0.80	0.92	1.00	5	L X H					
9	2	0.75	0.90	1.00	4	L X H					
9	3	0.89	0.96	1.00	3	L X H					
9	4	0.89	0.96	1.00	3	L X H					
9	5	0.89	0.96	1.00	3	L X H					

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Table 41. (page 2 of 2).

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
9	6	0.89	0.96	1.00	3					L	X H
9	7	0.84	0.93	1.00	2					L	X H
9	8	0.84	0.93	1.00	2					L	X H
9	9	0.83	0.94	1.00	2					L	X H
9	10	0.83	0.88	1.00	1					X	
9	11	0.83	1.00	1.00	1						X

Table 42. Halibut Cove Subdistrict chum salmon mean daily proportion of total run, 90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	6	0.00	0.03	0.00	1	X					
6	7	0.00	0.03	0.00	1	X					
6	8	0.03	0.03	0.04	2	LX					
6	9	0.01	0.02	0.04	3	LXH					
6	10	0.02	0.03	0.04	4	XH					
6	11	0.02	0.03	0.04	4	LX					
6	12	0.01	0.04	0.07	4	LX H					
6	13	0.03	0.09	0.15	6	L X H					
6	14	0.04	0.10	0.15	7	L X H					
6	15	0.05	0.11	0.17	7	L X H					
6	16	0.06	0.11	0.17	7	L X H					
6	17	0.06	0.11	0.17	7	L X H					
6	18	0.06	0.12	0.18	9	L X H					
6	19	0.06	0.12	0.17	10	L X H					
6	20	0.06	0.11	0.16	11	L X H					
6	21	0.07	0.12	0.17	11	L X H					
6	22	0.07	0.12	0.17	11	L X H					
6	23	0.07	0.12	0.17	11	L X H					
6	24	0.08	0.13	0.18	11	L X H					
6	25	0.10	0.16	0.21	13	L X H					
6	26	0.13	0.22	0.31	13	L X H					
6	27	0.14	0.24	0.34	14	L X H					
6	28	0.13	0.23	0.32	15	L X H					
6	29	0.14	0.23	0.33	16	L X H					
6	30	0.14	0.24	0.33	17	L X H					
7	1	0.14	0.23	0.31	18	L X H					
7	2	0.16	0.25	0.35	18	L X H					
7	3	0.19	0.28	0.38	18	L X H					
7	4	0.19	0.28	0.38	19	L X H					
7	5	0.20	0.30	0.39	19	L X H					
7	6	0.20	0.29	0.38	20	L X H					
7	7	0.20	0.30	0.39	20	L X H					
7	8	0.22	0.31	0.41	20	L X H					
7	9	0.22	0.30	0.39	19	L X H					
7	10	0.23	0.33	0.42	19	L X H					
7	11	0.27	0.36	0.46	19	L X H					
7	12	0.33	0.43	0.54	19	L X H					
7	13	0.38	0.48	0.58	19	L X H					
7	14	0.39	0.51	0.62	19	L X H					
7	15	0.38	0.49	0.60	18	L X H					
7	16	0.42	0.52	0.63	18	L X H					
7	17	0.45	0.55	0.66	18	L X H					
7	18	0.48	0.58	0.68	18	L X H					
7	19	0.51	0.61	0.70	18	L X H					
7	20	0.57	0.67	0.77	18	L X H					
7	21	0.59	0.69	0.78	17	L X H					
7	22	0.65	0.73	0.82	17	L X H					
7	23	0.67	0.75	0.84	17	L X H					
7	24	0.68	0.76	0.84	16	L X H					
7	25	0.75	0.81	0.87	17	L X H					
7	26	0.77	0.83	0.89	17	L X H					
7	27	0.79	0.85	0.91	17	L X H					
7	28	0.79	0.85	0.91	16	L X H					
7	29	0.78	0.84	0.91	15	L X H					
7	30	0.78	0.84	0.91	14	L X H					
7	31	0.79	0.86	0.93	14	L X H					
8	1	0.74	0.82	0.90	11	L X H					
8	2	0.75	0.83	0.91	11	L X H					

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Table 42. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	3	0.79	0.86	0.93	11					L	X H
8	4	0.80	0.88	0.95	10					L	X H
8	5	0.79	0.87	0.96	9					L	X H
8	6	0.79	0.88	0.97	8					L	X H
8	7	0.76	0.86	0.97	7					L	X H
8	8	0.76	0.87	0.98	7					L	X H
8	9	0.74	0.86	0.98	6					L	X H
8	10	0.74	0.86	0.99	6					L	X H
8	11	0.91	0.96	1.00	5					L X H	
8	12	0.89	0.94	0.99	3					L X H	
8	13	0.90	0.91	0.93	2					LX	
8	14	0.90	0.91	0.93	2					LX	
8	15	0.90	0.91	0.93	2					LX	
8	16	0.87	0.95	1.00	2					L X H	
8	17	0.87	0.90	1.00	1					X	
8	18	0.87	0.94	1.00	1					X	
8	19	0.87	1.00	1.00	1					X	

Table 43. Halibut Cove Lagoon chum salmon mean daily proportion of total run,  
90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	4	0.00	0.13	0.00	1		X				
7	5	0.00	0.31	0.00	1			X			
7	6	0.00	0.69	0.00	1				X		
7	7	0.00	0.69	0.00	1				X		
7	8	0.00	0.75	0.00	1				X		
7	9	0.00	0.75	0.00	1				X		
7	10	0.30	0.62	0.94	2	L		X		H	
7	11	0.30	0.62	0.94	2	L		X		H	
7	12	0.47	0.72	0.97	2		L		X		H
7	13	0.47	0.72	0.97	2		L		X		H
7	14	0.47	0.72	0.97	2		L		X		H
7	15	0.66	0.79	0.93	2			L	X	H	
7	16	0.66	0.79	0.93	2			L	X	H	
7	17	0.66	0.79	0.93	2			L	X	H	
7	18	0.18	0.61	1.00	3	L			X		H
7	19	0.18	0.63	1.00	3	L			X		H
7	20	0.18	0.63	1.00	3	L			X		H
7	21	0.18	0.63	1.00	3	L			X		H
7	22	0.18	0.63	1.00	3	L			X		H
7	23	0.18	0.63	1.00	3	L			X		H
7	24	0.18	0.63	1.00	3	L			X		H
7	25	0.19	0.68	1.00	3	L			X		H
7	26	0.18	0.65	1.00	2	L			X		H
7	27	0.18	0.65	1.00	2	L			X		H
7	28	0.18	0.65	1.00	2	L			X		H
7	29	0.92	0.97	1.00	2					L X H	
7	30	0.92	0.94	1.00	1					X	
7	31	0.92	0.94	1.00	1					X	
8	1	0.92	0.94	1.00	1					X	
8	2	0.92	0.94	1.00	1					X	
8	3	0.92	1.00	1.00	1					X	

Table 44. China Poot Bay chum salmon mean daily proportion of total run, 90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	25	0.00	0.23	0.00	1		X				
6	26	0.09	0.18	0.26	2	L	X	H			
6	27	0.08	0.38	0.69	3	L		X		H	
6	28	0.06	0.31	0.56	4	L		X		H	
6	29	0.06	0.31	0.56	4	L		X		H	
6	30	0.09	0.33	0.57	4	L		X		H	
7	1	0.10	0.34	0.57	4	L		X		H	
7	2	0.19	0.39	0.59	4	L		X		H	
7	3	0.21	0.40	0.60	4	L		X		H	
7	4	0.24	0.44	0.65	4	L		X		H	
7	5	0.28	0.47	0.65	4	L		X		H	
7	6	0.29	0.47	0.65	4	L		X		H	
7	7	0.29	0.47	0.65	4	L		X		H	
7	8	0.36	0.54	0.71	4	L		X		H	
7	9	0.38	0.54	0.71	4	L		X		H	
7	10	0.42	0.56	0.70	4	L		X		H	
7	11	0.52	0.64	0.77	4	L		X		H	
7	12	0.53	0.65	0.76	4	L		X		H	
7	13	0.59	0.67	0.75	4	L		X		H	
7	14	0.58	0.69	0.80	4	L		X		H	
7	15	0.60	0.70	0.80	4	L		X		H	
7	16	0.65	0.75	0.84	4		L	X		H	
7	17	0.76	0.81	0.86	4		L	X	H		
7	18	0.78	0.84	0.90	4		L	X	H		
7	19	0.80	0.87	0.93	4		L	X	H		
7	20	0.81	0.90	0.98	4		L	X	H		
7	21	0.77	0.88	0.98	3		L	X	H		
7	22	0.77	0.88	1.00	3		L	X	H		
7	23	0.78	0.91	1.00	3		L	X	H		
7	24	0.67	0.87	1.00	2		L		X	H	
7	25	0.67	0.87	1.00	2		L		X	H	
7	26	0.84	0.94	1.00	2			L	X	H	
7	27	0.84	0.94	1.00	2			L	X	H	
7	28	0.84	0.94	1.00	2			L	X	H	
7	29	0.84	0.94	1.00	2			L	X	H	
7	30	0.83	0.94	1.00	2			L	X	H	
7	31	0.83	0.88	1.00	1				X		
8	1	0.83	1.00	1.00	1					X	

Table 45. Neptune Bay chum salmon mean daily proportion of total run, 90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	27	0.00	0.04	0.00	1	X					
6	28	0.00	0.04	0.00	1	X					
6	29	0.00	0.04	0.00	1	X					
6	30	0.00	0.04	0.00	1	X					
7	1	0.00	0.04	0.00	1	X					
7	2	0.00	0.04	0.00	1	X					
7	3	0.00	0.04	0.00	1	X					
7	4	0.00	0.04	0.00	1	X					
7	5	0.00	0.04	0.00	1	X					
7	6	0.00	0.04	0.00	1	X					
7	7	0.00	0.04	0.00	1	X					
7	8	0.00	0.04	0.00	1	X					
7	9	0.00	0.04	0.00	1	X					
7	10	0.00	0.04	0.00	1	X					
7	11	0.00	0.04	0.00	1	X					
7	12	0.00	0.04	0.00	1	X					
7	13	0.00	0.04	0.00	1	X					
7	14	0.00	0.04	0.00	1	X					
7	15	0.00	0.23	0.00	1		X				
7	16	0.00	0.42	0.00	1			X			
7	17	0.00	0.54	0.00	1				X		
7	18	0.00	0.58	0.00	1					X	
7	19	0.00	0.62	0.00	1						X
7	20	0.00	0.62	0.00	1						X
7	21	0.00	0.62	0.00	1						X
7	22	0.00	0.77	0.00	1						X
7	23	0.00	0.89	0.00	1						X
7	24	0.00	0.96	0.00	1						X
7	25	0.00	0.96	0.00	1						X
7	26	0.00	0.96	0.00	1						X
7	27	0.00	0.96	0.00	1						X
7	28	0.00	0.96	0.00	1						X
7	29	0.00	0.96	0.00	1						X
7	30	0.00	0.96	0.00	1						X
7	31	0.00	0.96	0.00	1						X
8	1	0.00	0.96	0.00	1						X
8	2	0.00	0.96	0.00	1						X
8	3	0.00	0.96	0.00	1						X
8	4	0.00	0.96	0.00	1						X
8	5	0.00	1.00	0.00	1						X

Table 46. Tutka Bay chum salmon mean daily proportion of total run, 90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	2	0.00	0.00	0.00	2	X					
6	3	0.00	0.00	0.01	6	X					
6	4	0.00	0.00	0.00	9	X					
6	5	0.00	0.00	0.01	12	X					
6	6	0.00	0.01	0.01	15	X					
6	7	0.00	0.01	0.01	18	X					
6	8	0.01	0.01	0.01	19	XH					
6	9	0.01	0.01	0.02	20	LX					
6	10	0.01	0.01	0.02	21	LX					
6	11	0.01	0.01	0.02	21	X					
6	12	0.01	0.02	0.02	21	X					
6	13	0.01	0.02	0.03	21	X					
6	14	0.02	0.02	0.03	21	X					
6	15	0.02	0.03	0.04	21	XH					
6	16	0.02	0.03	0.04	21	LX					
6	17	0.03	0.03	0.04	21	LX					
6	18	0.03	0.04	0.05	21	XH					
6	19	0.04	0.05	0.06	21	XH					
6	20	0.04	0.05	0.06	21	LX					
6	21	0.05	0.06	0.07	21	LXH					
6	22	0.05	0.07	0.08	21	XH					
6	23	0.06	0.07	0.09	21	LX					
6	24	0.07	0.08	0.10	21	LXH					
6	25	0.09	0.12	0.15	21	L XH					
6	26	0.11	0.15	0.18	21	LX H					
6	27	0.15	0.19	0.22	21	LX H					
6	28	0.18	0.22	0.26	21	L X H					
6	29	0.21	0.24	0.28	21	L X H					
6	30	0.23	0.27	0.32	21	L X H					
7	1	0.25	0.29	0.34	21	L X H					
7	2	0.28	0.32	0.36	21	L X H					
7	3	0.30	0.35	0.39	21	L X H					
7	4	0.33	0.38	0.42	21	L X H					
7	5	0.36	0.41	0.45	21	L X H					
7	6	0.39	0.45	0.50	21	L X H					
7	7	0.42	0.48	0.53	21	L X H					
7	8	0.45	0.50	0.56	21	L X H					
7	9	0.48	0.53	0.59	21	L X H					
7	10	0.51	0.56	0.62	21	L X H					
7	11	0.52	0.58	0.64	21	L X H					
7	12	0.55	0.61	0.66	21	L X H					
7	13	0.57	0.63	0.68	21	L X H					
7	14	0.59	0.65	0.70	21	L X H					
7	15	0.61	0.67	0.72	21	L X H					
7	16	0.63	0.68	0.74	21	L X H					
7	17	0.65	0.70	0.75	21	L X H					
7	18	0.67	0.72	0.77	21	L X H					
7	19	0.70	0.75	0.80	21	L X H					
7	20	0.72	0.76	0.81	21	L X H					
7	21	0.73	0.78	0.83	21	L X H					
7	22	0.75	0.79	0.84	21	L X H					
7	23	0.76	0.81	0.85	21	L X H					
7	24	0.78	0.82	0.86	21	L X H					
7	25	0.81	0.84	0.88	21	L X H					
7	26	0.83	0.86	0.89	21	L X H					
7	27	0.84	0.87	0.91	21	L X H					
7	28	0.86	0.89	0.92	21	L X H					
7	29	0.87	0.90	0.93	21	L X H					

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Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	30	0.87	0.90	0.93	20					LX H	
7	31	0.88	0.91	0.94	20					L XH	
8	1	0.89	0.92	0.95	20					LXH	
8	2	0.91	0.93	0.96	20					L XH	
8	3	0.92	0.94	0.96	20					LXH	
8	4	0.93	0.95	0.97	20					LXH	
8	5	0.93	0.95	0.97	20					LXH	
8	6	0.94	0.96	0.98	19					LXH	
8	7	0.93	0.95	0.97	15					L XH	
8	8	0.94	0.96	0.98	15					LXH	
8	9	0.95	0.97	0.98	15					LXH	
8	10	0.96	0.97	0.99	15					LX	
8	11	0.96	0.98	0.99	15					LXH	
8	12	0.96	0.98	0.99	15					LXH	
8	13	0.97	0.98	1.00	15					XH	
8	14	0.99	0.99	1.00	15					LX	
8	15	0.99	0.99	1.00	12					LX	
8	16	0.99	0.99	1.00	10					LX	
8	17	0.99	0.99	1.00	7					LX	
8	18	0.99	0.99	1.00	7					LX	
8	19	0.99	0.99	1.00	7					LX	
8	20	0.99	0.99	1.00	7					LX	
8	21	0.99	0.99	1.00	7					X	
8	22	0.99	0.99	1.00	7					X	
8	23	0.99	1.00	1.00	6					X	
8	24	1.00	1.00	1.00	6					X	
8	25	1.00	1.00	1.00	5					X	
8	26	1.00	1.00	1.00	5					X	
8	27	1.00	1.00	1.00	5					X	
8	28	1.00	1.00	1.00	4					X	
8	29	1.00	1.00	1.00	2					X	
8	30	1.00	1.00	1.00	2					X	
8	31	1.00	1.00	1.00	2					X	
9	1	1.00	1.00	1.00	2					X	
9	2	1.00	1.00	1.00	2					X	
9	3	1.00	1.00	1.00	2					X	
9	4	1.00	1.00	1.00	2					X	
9	5	1.00	1.00	1.00	1					X	

Table 47. Seldovia Bay chum salmon mean daily proportion of total run, 90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	2	0.00	0.00	0.00	1	X					
6	3	0.00	0.00	0.00	2	X					
6	4	0.00	0.00	0.00	5	X					
6	5	0.00	0.00	0.00	8	X					
6	6	0.00	0.00	0.00	9	X					
6	7	0.00	0.00	0.00	11	X					
6	8	0.00	0.00	0.00	12	X					
6	9	0.00	0.01	0.01	14	X					
6	10	0.00	0.01	0.01	15	X					
6	11	0.00	0.01	0.01	17	X					
6	12	0.01	0.01	0.01	17	XH					
6	13	0.01	0.01	0.01	17	XH					
6	14	0.01	0.01	0.01	17	LX					
6	15	0.01	0.01	0.01	17	LX					
6	16	0.01	0.01	0.02	18	LX					
6	17	0.01	0.02	0.02	18	X					
6	18	0.02	0.02	0.02	18	X					
6	19	0.02	0.03	0.03	19	XH					
6	20	0.02	0.03	0.04	19	LX					
6	21	0.03	0.03	0.04	19	LX					
6	22	0.03	0.04	0.05	19	XH					
6	23	0.04	0.05	0.06	19	XH					
6	24	0.04	0.05	0.06	19	LX					
6	25	0.05	0.06	0.07	19	LXH					
6	26	0.06	0.07	0.09	19	LX					
6	27	0.07	0.08	0.10	19	LXH					
6	28	0.07	0.09	0.11	19	LXH					
6	29	0.09	0.11	0.13	19	LXH					
6	30	0.09	0.11	0.14	19	LXH					
7	1	0.10	0.12	0.14	19	LXH					
7	2	0.11	0.14	0.16	19	LXH					
7	3	0.12	0.15	0.18	19	L X H					
7	4	0.13	0.16	0.19	19	L X H					
7	5	0.14	0.17	0.21	19	L X H					
7	6	0.16	0.21	0.26	19	L X H					
7	7	0.18	0.23	0.29	19	L X H					
7	8	0.21	0.27	0.32	19	L X H					
7	9	0.24	0.30	0.36	19	L X H					
7	10	0.25	0.32	0.38	19	L X H					
7	11	0.28	0.34	0.40	19	L X H					
7	12	0.29	0.36	0.42	19	L X H					
7	13	0.31	0.38	0.45	19	L X H					
7	14	0.33	0.40	0.47	19	L X H					
7	15	0.35	0.42	0.48	19	L X H					
7	16	0.37	0.44	0.51	19	L X H					
7	17	0.41	0.48	0.55	19	L X H					
7	18	0.43	0.50	0.57	19	L X H					
7	19	0.46	0.53	0.60	19	L X H					
7	20	0.47	0.54	0.61	19	L X H					
7	21	0.51	0.57	0.63	19	L X H					
7	22	0.53	0.59	0.65	19	L X H					
7	23	0.57	0.62	0.68	19	L X H					
7	24	0.59	0.65	0.71	19	L X H					
7	25	0.62	0.67	0.73	19	L X H					
7	26	0.63	0.69	0.74	19	L X H					
7	27	0.65	0.71	0.76	19	L X H					
7	28	0.68	0.73	0.78	19	L X H					
7	29	0.70	0.76	0.81	19	L X H					

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Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	30	0.72	0.77	0.82	19				L X H		
7	31	0.73	0.78	0.83	19				L X H		
8	1	0.75	0.80	0.84	19				L X H		
8	2	0.77	0.82	0.87	19				L X H		
8	3	0.79	0.85	0.90	19				L X H		
8	4	0.81	0.86	0.91	18				L X H		
8	5	0.82	0.87	0.92	18				L X H		
8	6	0.85	0.90	0.94	18				L X H		
8	7	0.85	0.90	0.94	17				L X H		
8	8	0.87	0.91	0.95	17				L X H		
8	9	0.93	0.94	0.96	17				LXH		
8	10	0.93	0.94	0.96	16				LXH		
8	11	0.94	0.95	0.97	16				LX		
8	12	0.95	0.96	0.97	16				XH		
8	13	0.96	0.97	0.98	16				XH		
8	14	0.96	0.97	0.98	16				LX		
8	15	0.97	0.97	0.98	16				LX		
8	16	0.96	0.97	0.98	14				LX		
8	17	0.97	0.97	0.98	14				LX		
8	18	0.97	0.98	0.99	14				LX		
8	19	0.98	0.98	0.99	14				XH		
8	20	0.98	0.98	0.99	13				XH		
8	21	0.98	0.99	0.99	13				XH		
8	22	0.99	0.99	0.99	13				XH		
8	23	0.99	0.99	0.99	13				LX		
8	24	0.99	0.99	1.00	13				LX		
8	25	0.99	0.99	1.00	11				LX		
8	26	0.99	0.99	1.00	11				LX		
8	27	0.99	0.99	1.00	11				LX		
8	28	0.99	0.99	1.00	10				LX		
8	29	0.99	0.99	1.00	10				LX		
8	30	0.99	0.99	1.00	10				LX		
8	31	0.99	0.99	1.00	10				LX		
9	1	0.99	0.99	1.00	10				X		
9	2	0.99	1.00	1.00	10				X		
9	3	0.99	1.00	1.00	9				X		
9	4	0.99	1.00	1.00	9				X		
9	5	0.99	1.00	1.00	9				X		
9	6	1.00	1.00	1.00	8				X		
9	7	1.00	1.00	1.00	6				X		
9	8	1.00	1.00	1.00	5				X		
9	9	1.00	1.00	1.00	4				X		
9	10	1.00	1.00	1.00	2				X		
9	11	1.00	1.00	1.00	1				X		
9	12	1.00	1.00	1.00	1				X		
9	13	1.00	1.00	1.00	1				X		
9	14	1.00	1.00	1.00	1				X		
9	15	1.00	1.00	1.00	1				X		
9	16	1.00	1.00	1.00	1				X		

Table 48. Port Graham chum salmon mean daily proportion of total run, 90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	2	0.00	0.00	0.00	1	X					
6	3	0.00	0.00	0.00	1	X					
6	4	0.00	0.00	0.00	1	X					
6	5	0.00	0.00	0.00	2	X					
6	6	0.00	0.00	0.01	3	X					
6	7	0.00	0.00	0.00	6	X					
6	8	0.00	0.00	0.00	7	X					
6	9	0.00	0.00	0.00	7	X					
6	10	0.00	0.00	0.00	7	X					
6	11	0.00	0.00	0.00	8	X					
6	12	0.00	0.00	0.00	9	X					
6	13	0.00	0.00	0.00	10	X					
6	14	0.00	0.00	0.00	11	X					
6	15	0.00	0.00	0.00	12	X					
6	16	0.00	0.00	0.01	12	X					
6	17	0.00	0.00	0.01	12	X					
6	18	0.00	0.01	0.01	12	X					
6	19	0.00	0.01	0.01	12	X					
6	20	0.00	0.01	0.01	12	XH					
6	21	0.01	0.01	0.01	12	LX					
6	22	0.01	0.01	0.02	12	LX					
6	23	0.01	0.01	0.02	12	LX					
6	24	0.01	0.02	0.02	13	LX					
6	25	0.01	0.02	0.03	13	X					
6	26	0.01	0.02	0.03	13	XH					
6	27	0.02	0.03	0.04	13	XH					
6	28	0.02	0.03	0.05	13	LX					
6	29	0.02	0.04	0.05	13	LXH					
6	30	0.02	0.04	0.06	13	LXH					
7	1	0.03	0.04	0.06	13	LXH					
7	2	0.03	0.05	0.07	13	LXH					
7	3	0.03	0.06	0.08	13	LXH					
7	4	0.04	0.06	0.09	13	LXH					
7	5	0.04	0.07	0.10	13	L X H					
7	6	0.05	0.09	0.13	13	L X H					
7	7	0.06	0.10	0.15	13	L X H					
7	8	0.07	0.11	0.15	13	L X H					
7	9	0.07	0.14	0.22	13	L X H					
7	10	0.08	0.16	0.23	13	L X H					
7	11	0.10	0.18	0.26	13	L X H					
7	12	0.12	0.19	0.27	13	L X H					
7	13	0.13	0.21	0.28	13	L X H					
7	14	0.16	0.24	0.32	13	L X H					
7	15	0.17	0.25	0.32	14	L X H					
7	16	0.21	0.29	0.36	14	L X H					
7	17	0.23	0.32	0.40	14	L X H					
7	18	0.27	0.35	0.43	15	L X H					
7	19	0.28	0.36	0.44	15	L X H					
7	20	0.30	0.39	0.47	15	L X H					
7	21	0.32	0.41	0.50	15	L X H					
7	22	0.32	0.42	0.51	15	L X H					
7	23	0.34	0.43	0.53	15	L X H					
7	24	0.36	0.45	0.54	15	L X H					
7	25	0.39	0.48	0.58	15	L X H					
7	26	0.42	0.52	0.62	15	L X H					
7	27	0.47	0.55	0.64	15	L X H					
7	28	0.54	0.63	0.71	15	L X H					
7	29	0.59	0.67	0.74	15	L X H					

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Table 48. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	30	0.61	0.68	0.75	15				L	X	H
7	31	0.61	0.68	0.76	15				L	X	H
8	1	0.63	0.70	0.77	15				L	X	H
8	2	0.65	0.72	0.79	15				L	X	H
8	3	0.67	0.74	0.81	15				L	X	H
8	4	0.68	0.75	0.82	15				L	X	H
8	5	0.69	0.76	0.82	15				L	X	H
8	6	0.72	0.79	0.85	15				L	X	H
8	7	0.73	0.80	0.86	15				L	X	H
8	8	0.73	0.80	0.87	15				L	X	H
8	9	0.74	0.81	0.87	15				L	X	H
8	10	0.75	0.82	0.88	15				L	X	H
8	11	0.76	0.83	0.89	15				L	X	H
8	12	0.76	0.83	0.90	14				L	X	H
8	13	0.78	0.85	0.92	14				L	X	H
8	14	0.79	0.86	0.93	14				L	X	H
8	15	0.79	0.86	0.93	14				L	X	H
8	16	0.80	0.87	0.94	14				L	X	H
8	17	0.82	0.89	0.96	14				L	X	H
8	18	0.82	0.89	0.96	14				L	X	H
8	19	0.89	0.92	0.95	14				L	XH	
8	20	0.91	0.94	0.96	14				L	XH	
8	21	0.91	0.94	0.97	14				LXH		
8	22	0.92	0.94	0.97	14				LXH		
8	23	0.92	0.94	0.97	14				LXH		
8	24	0.93	0.95	0.98	14				L	XH	
8	25	0.93	0.95	0.98	14				LXH		
8	26	0.93	0.96	0.98	14				LXH		
8	27	0.94	0.96	0.98	14				LXH		
8	28	0.95	0.97	0.99	14				L	XH	
8	29	0.95	0.97	1.00	14				L	XH	
8	30	0.95	0.97	1.00	14				L	XH	
8	31	0.95	0.97	1.00	14				L	XH	
9	1	0.95	0.97	1.00	14				L	XH	
9	2	0.95	0.98	1.00	14				LXH		
9	3	0.95	0.97	1.00	13				L	XH	
9	4	0.94	0.97	1.00	12				L	XH	
9	5	0.98	0.99	1.00	12				XH		
9	6	0.98	0.99	0.99	11				XH		
9	7	0.99	0.99	1.00	11				X		
9	8	0.99	1.00	1.00	9				X		
9	9	1.00	1.00	1.00	7				X		
9	10	0.99	1.00	1.00	4				X		
9	11	1.00	1.00	1.00	4				X		
9	12	1.00	1.00	1.00	2				X		
9	13	1.00	1.00	1.00	2				X		
9	14	1.00	1.00	1.00	2				X		

Table 49. Dogfish Bay chum salmon mean daily proportion of total run, 90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	28	0.00	0.01	0.00	1	X					
6	29	0.00	0.03	0.05	2	LXH					
6	30	0.00	0.15	0.31	5	L	X	H			
7	1	0.00	0.18	0.38	5	L	X	H			
7	2	0.00	0.15	0.32	6	L	X	H			
7	3	0.00	0.15	0.32	6	L	X	H			
7	4	0.00	0.18	0.40	6	L	X	H			
7	5	0.00	0.20	0.41	6	L	X	H			
7	6	0.02	0.23	0.45	6	L	X	H			
7	7	0.03	0.22	0.41	7	L	X	H			
7	8	0.05	0.23	0.42	7	L	X	H			
7	9	0.06	0.24	0.42	7	L	X	H			
7	10	0.15	0.34	0.54	7	L	X	H			
7	11	0.15	0.35	0.54	7	L	X	H			
7	12	0.15	0.32	0.49	8	L	X	H			
7	13	0.15	0.32	0.49	8	L	X	H			
7	14	0.15	0.32	0.50	8	L	X	H			
7	15	0.16	0.33	0.50	8	L	X	H			
7	16	0.18	0.33	0.48	9	L	X	H			
7	17	0.21	0.37	0.52	9	L	X	H			
7	18	0.22	0.38	0.53	9	L	X	H			
7	19	0.17	0.32	0.47	11	L	X	H			
7	20	0.17	0.32	0.47	12	L	X	H			
7	21	0.18	0.33	0.48	12	L	X	H			
7	22	0.18	0.34	0.49	12	L	X	H			
7	23	0.20	0.36	0.53	12	L	X	H			
7	24	0.21	0.37	0.53	12	L	X	H			
7	25	0.22	0.39	0.57	12	L	X	H			
7	26	0.25	0.43	0.60	12	L	X	H			
7	27	0.25	0.41	0.57	13	L	X	H			
7	28	0.24	0.39	0.53	12	L	X	H			
7	29	0.26	0.41	0.56	12	L	X	H			
7	30	0.32	0.45	0.59	12	L	X	H			
7	31	0.39	0.52	0.66	12	L	X	H			
8	1	0.41	0.55	0.70	12	L	X	H			
8	2	0.39	0.53	0.67	11	L	X	H			
8	3	0.40	0.55	0.71	11	L	X	H			
8	4	0.44	0.60	0.77	10	L	X	H			
8	5	0.44	0.60	0.77	10	L	X	H			
8	6	0.48	0.63	0.78	10	L	X	H			
8	7	0.44	0.60	0.75	9	L	X	H			
8	8	0.39	0.55	0.70	8	L	X	H			
8	9	0.40	0.55	0.71	8	L	X	H			
8	10	0.40	0.55	0.71	8	L	X	H			
8	11	0.40	0.55	0.71	8	L	X	H			
8	12	0.41	0.58	0.75	8	L	X	H			
8	13	0.42	0.60	0.77	8	L	X	H			
8	14	0.44	0.61	0.79	8	L	X	H			
8	15	0.50	0.66	0.81	8	L	X	H			
8	16	0.51	0.66	0.82	8	L	X	H			
8	17	0.51	0.66	0.82	8	L	X	H			
8	18	0.51	0.67	0.82	8	L	X	H			
8	19	0.51	0.67	0.82	8	L	X	H			
8	20	0.51	0.67	0.82	8	L	X	H			
8	21	0.53	0.68	0.84	8	L	X	H			
8	22	0.55	0.70	0.85	8	L	X	H			
8	23	0.56	0.71	0.86	8	L	X	H			
8	24	0.59	0.75	0.90	8	L	X	H			

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Table 49. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	25	0.63	0.78	0.93	8				L	X	H
8	26	0.63	0.78	0.93	8				L	X	H
8	27	0.63	0.78	0.93	8				L	X	H
8	28	0.64	0.79	0.94	8				L	X	H
8	29	0.64	0.79	0.94	8				L	X	H
8	30	0.64	0.79	0.94	8				L	X	H
8	31	0.64	0.79	0.94	8				L	X	H
9	1	0.64	0.79	0.94	8				L	X	H
9	2	0.64	0.79	0.94	8				L	X	H
9	3	0.64	0.79	0.94	8				L	X	H
9	4	0.70	0.86	1.00	8				L	X	H
9	5	0.62	0.82	1.00	6				L	X	H
9	6	0.55	0.78	1.00	5				L	X	H
9	7	0.90	0.96	1.00	5					L	X H
9	8	0.75	0.90	1.00	2				L	X	H
9	9	0.75	1.00	1.00	1						X

Table 50. Port Chatham chum salmon mean daily proportion of total run, 90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	7	0.00	0.17	0.00	1		X				
7	8	0.00	0.38	0.00	1			X			
7	9	0.00	0.44	0.00	1				X		
7	10	0.00	0.53	0.00	1					X	
7	11	0.00	0.56	0.00	1					X	
7	12	0.00	0.56	0.00	1					X	
7	13	0.00	0.38	0.98	2	L		X			H
7	14	0.00	0.41	1.00	2	L		X			H
7	15	0.00	0.41	1.00	2	L		X			H
7	16	0.00	0.41	1.00	2	L		X			H
7	17	0.00	0.41	1.00	2	L		X			H
7	18	0.00	0.42	1.00	2	L		X			H
7	19	0.00	0.42	1.00	2	L		X			H
7	20	0.00	0.42	1.00	2	L		X			H
7	21	0.00	0.42	1.00	2	L		X			H
7	22	0.02	0.39	0.76	3	L		X		H	
7	23	0.01	0.42	0.83	3	L		X		H	
7	24	0.08	0.45	0.82	3	L		X		H	
7	25	0.08	0.45	0.82	3	L		X		H	
7	26	0.07	0.47	0.86	3	L		X		H	
7	27	0.06	0.48	0.90	3	L		X			H
7	28	0.06	0.49	0.91	3	L		X			H
7	29	0.06	0.49	0.91	3	L		X			H
7	30	0.06	0.49	0.92	3	L		X			H
7	31	0.06	0.49	0.92	3	L		X			H
8	1	0.10	0.51	0.92	3	L		X			H
8	2	0.16	0.27	0.38	2		L	X	H		
8	3	0.21	0.29	0.37	2		L	X	H		
8	4	0.21	0.29	0.37	2		L	X	H		
8	5	0.27	0.43	0.60	2		L	X	H		
8	6	0.54	0.54	0.54	2			X			
8	7	0.52	0.57	0.61	2			L X H			
8	8	0.53	0.57	0.61	2			L X H			
8	9	0.53	0.57	0.61	2			L X H			
8	10	0.58	0.61	0.64	2			L X H			
8	11	0.62	0.63	0.64	2			XH			
8	12	0.56	0.75	0.93	2				L X	H	
8	13	0.51	0.82	1.00	2			L	X	H	
8	14	0.51	0.63	1.00	1			X			
8	15	0.51	0.93	1.00	1					X	
8	16	0.51	0.93	1.00	1					X	
8	17	0.51	0.93	1.00	1					X	
8	18	0.51	0.93	1.00	1					X	
8	19	0.51	0.93	1.00	1					X	
8	20	0.51	0.93	1.00	1					X	
8	21	0.51	0.93	1.00	1					X	
8	22	0.51	0.93	1.00	1					X	
8	23	0.51	0.94	1.00	1					X	
8	24	0.51	0.98	1.00	1					X	
8	25	0.51	0.98	1.00	1					X	
8	26	0.51	0.98	1.00	1					X	
8	27	0.51	0.98	1.00	1					X	
8	28	0.51	0.98	1.00	1					X	
8	29	0.51	0.98	1.00	1					X	
8	30	0.51	0.98	1.00	1					X	
8	31	0.51	0.98	1.00	1					X	
9	1	0.51	0.98	1.00	1					X	
9	2	0.51	0.98	1.00	1						X

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Table 50. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
9	3	0.51	0.98	1.00	1					X	
9	4	0.51	1.00	1.00	1					X	

Table 51. Windy Bay chum salmon mean daily proportion of total run, 90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	30	0.00	0.00	0.00	1	X					
7	1	0.00	0.00	0.00	1	X					
7	2	0.00	0.00	0.00	1	X					
7	3	0.00	0.00	0.00	1	X					
7	4	0.00	0.00	0.00	1	X					
7	5	0.00	0.24	0.63	2	L	X		H		
7	6	0.00	0.24	0.63	2	L	X		H		
7	7	0.00	0.17	0.45	3	L	X		H		
7	8	0.00	0.17	0.45	3	L	X		H		
7	9	0.00	0.17	0.45	3	L	X		H		
7	10	0.00	0.18	0.46	3	L	X		H		
7	11	0.04	0.24	0.44	4	L	X		H		
7	12	0.15	0.34	0.53	4	L	X		H		
7	13	0.14	0.32	0.49	5	L	X		H		
7	14	0.10	0.27	0.44	6	L	X		H		
7	15	0.10	0.28	0.45	6	L	X		H		
7	16	0.10	0.28	0.45	6	L	X		H		
7	17	0.10	0.28	0.45	6	L	X		H		
7	18	0.12	0.29	0.46	6	L	X		H		
7	19	0.14	0.30	0.46	8	L	X		H		
7	20	0.15	0.32	0.49	8	L	X		H		
7	21	0.18	0.35	0.52	8	L	X		H		
7	22	0.18	0.36	0.54	8	L	X		H		
7	23	0.27	0.46	0.65	8	L	X		H		
7	24	0.30	0.48	0.67	8	L	X		H		
7	25	0.34	0.52	0.69	8	L	X		H		
7	26	0.38	0.55	0.71	8	L	X		H		
7	27	0.39	0.56	0.74	8	L	X		H		
7	28	0.39	0.57	0.75	8	L	X		H		
7	29	0.42	0.60	0.78	8	L	X		H		
7	30	0.42	0.60	0.79	8	L	X		H		
7	31	0.46	0.65	0.83	8	L	X		H		
8	1	0.41	0.60	0.80	7	L	X		H		
8	2	0.50	0.68	0.85	7	L	X		H		
8	3	0.50	0.68	0.85	7	L	X		H		
8	4	0.56	0.75	0.93	7	L	X		H		
8	5	0.50	0.71	0.91	6	L	X		H		
8	6	0.50	0.71	0.91	6	L	X		H		
8	7	0.50	0.71	0.92	6	L	X		H		
8	8	0.50	0.71	0.92	6	L	X		H		
8	9	0.60	0.75	0.90	6	L	X		H		
8	10	0.70	0.81	0.92	6	L	X		H		
8	11	0.77	0.89	1.00	6	L	X		H		
8	12	0.88	0.93	0.97	5				L X H		
8	13	0.89	0.94	0.99	5				L X H		
8	14	0.87	0.92	0.98	4				L X H		
8	15	0.87	0.92	0.98	4				L X H		
8	16	0.87	0.92	0.98	4				L X H		
8	17	0.87	0.92	0.98	4				L X H		
8	18	0.93	0.95	0.96	4				XH		
8	19	0.94	0.96	0.97	4				LXH		
8	20	0.94	0.96	0.97	4				LXH		
8	21	0.94	0.96	0.98	4				LXH		
8	22	0.94	0.96	0.98	4				LXH		
8	23	0.94	0.96	0.98	4				LXH		
8	24	0.97	0.98	0.98	4				X		
8	25	0.97	0.98	0.98	4				X		
8	26	0.97	0.98	0.99	4				XH		

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Table 51. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	27	0.97	0.98	0.98	3					X	
8	28	0.97	0.98	0.98	3					X	
8	29	0.97	0.98	0.98	3					X	
8	30	0.97	0.98	0.98	3					X	
8	31	0.98	0.98	0.99	3					X	
9	1	0.98	0.98	0.99	3					X	
9	2	0.98	0.98	0.99	3					X	
9	3	0.98	0.98	0.99	3					X	
9	4	0.98	0.99	1.00	3					LX	
9	5	0.98	0.99	1.00	2					LX	
9	6	0.98	0.99	1.00	1					X	
9	7	0.98	0.99	1.00	1					X	
9	8	0.98	0.99	1.00	1					X	
9	9	0.98	0.99	1.00	1					X	
9	10	0.98	0.99	1.00	1					X	
9	11	0.98	0.99	1.00	1					X	
9	12	0.98	0.99	1.00	1					X	
9	13	0.98	0.99	1.00	1					X	
9	14	0.98	0.99	1.00	1					X	
9	15	0.98	1.00	1.00	1					X	

Table 52. Rocky Bay chum salmon mean daily proportion of total run, 90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	30	0.00	0.01	0.01	2	XH					
7	1	0.00	0.01	0.01	2	XH					
7	2	0.00	0.01	0.01	2	XH					
7	3	0.00	0.01	0.01	3	XH					
7	4	0.00	0.01	0.01	3	XH					
7	5	0.00	0.11	0.30	3	L X H					
7	6	0.00	0.12	0.30	3	L X H					
7	7	0.00	0.12	0.30	3	L X H					
7	8	0.00	0.12	0.30	3	L X H					
7	9	0.00	0.12	0.30	3	L X H					
7	10	0.00	0.12	0.31	3	L X H					
7	11	0.00	0.12	0.25	4	L X H					
7	12	0.04	0.23	0.41	5	L X H					
7	13	0.02	0.19	0.35	6	L X H					
7	14	0.07	0.27	0.47	6	L X H					
7	15	0.04	0.20	0.36	8	L X H					
7	16	0.05	0.21	0.37	8	L X H					
7	17	0.05	0.21	0.37	8	L X H					
7	18	0.05	0.21	0.37	8	L X H					
7	19	0.12	0.30	0.47	8	L X H					
7	20	0.12	0.29	0.46	9	L X H					
7	21	0.12	0.30	0.47	9	L X H					
7	22	0.13	0.30	0.48	9	L X H					
7	23	0.14	0.31	0.49	9	L X H					
7	24	0.16	0.36	0.56	9	L X H					
7	25	0.17	0.38	0.58	9	L X H					
7	26	0.20	0.44	0.67	9	L X H					
7	27	0.24	0.49	0.73	8	L X H					
7	28	0.27	0.51	0.75	8	L X H					
7	29	0.29	0.52	0.75	8	L X H					
7	30	0.30	0.54	0.79	8	L X H					
7	31	0.31	0.55	0.80	8	L X H					
8	1	0.24	0.49	0.74	7	L X H					
8	2	0.29	0.52	0.76	7	L X H					
8	3	0.29	0.52	0.76	7	L X H					
8	4	0.21	0.44	0.68	6	L X H					
8	5	0.21	0.44	0.68	6	L X H					
8	6	0.21	0.45	0.68	6	L X H					
8	7	0.21	0.45	0.68	6	L X H					
8	8	0.28	0.50	0.71	6	L X H					
8	9	0.39	0.56	0.73	6	L X H					
8	10	0.39	0.56	0.73	6	L X H					
8	11	0.49	0.62	0.75	6	L X H					
8	12	0.49	0.62	0.75	6	L X H					
8	13	0.49	0.64	0.79	6	L X H					
8	14	0.49	0.64	0.79	6	L X H					
8	15	0.49	0.64	0.79	6	L X H					
8	16	0.49	0.64	0.79	6	L X H					
8	17	0.49	0.64	0.79	6	L X H					
8	18	0.49	0.64	0.79	6	L X H					
8	19	0.49	0.64	0.79	6	L X H					
8	20	0.49	0.64	0.79	6	L X H					
8	21	0.55	0.69	0.82	6	L X H					
8	22	0.55	0.69	0.82	6	L X H					
8	23	0.59	0.73	0.88	6	L X H					
8	24	0.59	0.73	0.88	6	L X H					
8	25	0.69	0.82	0.95	6	L X H					
8	26	0.64	0.79	0.93	5	L X H					

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Table 52. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	27	0.64	0.79	0.93	5				L	X	H
8	28	0.64	0.80	0.96	5				L	X	H
8	29	0.58	0.75	0.93	4				L	X	H
8	30	0.58	0.75	0.93	4				L	X	H
8	31	0.79	0.89	0.98	4				L	X	H
9	1	0.75	0.85	0.95	3				L	X	H
9	2	0.75	0.85	0.95	3				L	X	H
9	3	0.75	0.85	0.95	3				L	X	H
9	4	0.75	0.85	0.95	3				L	X	H
9	5	0.89	0.94	0.99	3				L	X	H
9	6	0.86	0.95	1.00	2				L	X	H
9	7	0.86	1.00	1.00	1						X

Table 53. Port Dick chum salmon mean daily proportion of total run, 90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	12	0.00	0.00	0.00	1	X					
6	13	0.00	0.00	0.00	1	X					
6	14	0.00	0.00	0.00	1	X					
6	15	0.00	0.00	0.00	1	X					
6	16	0.00	0.00	0.00	1	X					
6	17	0.00	0.00	0.00	1	X					
6	18	0.00	0.00	0.00	1	X					
6	19	0.00	0.00	0.00	1	X					
6	20	0.00	0.00	0.00	1	X					
6	21	0.00	0.00	0.00	1	X					
6	22	0.00	0.00	0.00	1	X					
6	23	0.00	0.00	0.00	1	X					
6	24	0.00	0.00	0.00	1	X					
6	25	0.00	0.00	0.00	1	X					
6	26	0.00	0.00	0.00	1	X					
6	27	0.00	0.01	0.01	2	XH					
6	28	0.00	0.09	0.22	2	L X H					
6	29	0.00	0.07	0.16	4	L X H					
6	30	0.00	0.05	0.10	7	L X H					
7	1	0.00	0.03	0.07	10	L X H					
7	2	0.00	0.04	0.07	11	L X H					
7	3	0.00	0.04	0.07	11	L X H					
7	4	0.01	0.04	0.07	13	L X H					
7	5	0.01	0.04	0.07	14	L X H					
7	6	0.01	0.05	0.09	14	LX H					
7	7	0.02	0.05	0.09	17	L XH					
7	8	0.02	0.06	0.09	18	L XH					
7	9	0.03	0.06	0.10	19	L X H					
7	10	0.03	0.07	0.11	19	L X H					
7	11	0.04	0.08	0.12	19	L X H					
7	12	0.04	0.08	0.12	20	L X H					
7	13	0.05	0.09	0.14	21	L X H					
7	14	0.06	0.11	0.15	21	L X H					
7	15	0.07	0.11	0.16	21	L X H					
7	16	0.07	0.12	0.17	21	L X H					
7	17	0.07	0.13	0.18	21	L X H					
7	18	0.09	0.15	0.21	21	L X H					
7	19	0.10	0.17	0.23	21	L X H					
7	20	0.11	0.18	0.25	21	L X H					
7	21	0.12	0.20	0.27	21	L X H					
7	22	0.14	0.21	0.28	21	L X H					
7	23	0.15	0.23	0.31	21	L X H					
7	24	0.17	0.25	0.33	21	L X H					
7	25	0.19	0.27	0.35	21	L X H					
7	26	0.22	0.30	0.38	21	L X H					
7	27	0.23	0.32	0.41	21	L X H					
7	28	0.28	0.37	0.46	21	L X H					
7	29	0.31	0.40	0.49	21	L X H					
7	30	0.33	0.43	0.53	21	L X H					
7	31	0.37	0.47	0.57	21	L X H					
8	1	0.41	0.50	0.60	21	L X H					
8	2	0.43	0.53	0.62	21	L X H					
8	3	0.42	0.51	0.61	20	L X H					
8	4	0.45	0.54	0.64	20	L X H					
8	5	0.48	0.57	0.66	20	L X H					
8	6	0.51	0.60	0.70	20	L X H					
8	7	0.54	0.63	0.72	20	L X H					
8	8	0.55	0.65	0.74	20	L X H					

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Table 53. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	9	0.58	0.66	0.75	20				L X H		
8	10	0.59	0.67	0.76	20				L X H		
8	11	0.60	0.69	0.77	20				L X H		
8	12	0.63	0.71	0.79	20				L X H		
8	13	0.65	0.73	0.81	20				L X H		
8	14	0.65	0.73	0.81	19				L X H		
8	15	0.67	0.75	0.82	19				L X H		
8	16	0.68	0.76	0.83	19				L X H		
8	17	0.71	0.78	0.85	19				L X H		
8	18	0.71	0.78	0.85	19				L X H		
8	19	0.72	0.79	0.86	19				L X H		
8	20	0.72	0.80	0.87	19				L X H		
8	21	0.73	0.80	0.87	19				L X H		
8	22	0.74	0.81	0.87	19				L X H		
8	23	0.74	0.81	0.87	18				L X H		
8	24	0.75	0.82	0.88	18				L X H		
8	25	0.76	0.82	0.89	18				L X H		
8	26	0.77	0.84	0.91	18				L X H		
8	27	0.78	0.85	0.92	18				L X H		
8	28	0.79	0.86	0.93	18				L X H		
8	29	0.79	0.86	0.93	18				L X H		
8	30	0.81	0.88	0.95	18				L X H		
8	31	0.82	0.89	0.96	18				L X H		
9	1	0.81	0.88	0.95	17				L X H		
9	2	0.82	0.89	0.96	17				L X H		
9	3	0.82	0.89	0.97	16				L X H		
9	4	0.87	0.93	0.99	15				L X H		
9	5	0.95	0.97	0.99	13				LX		
9	6	0.95	0.97	0.99	10				LXH		
9	7	0.94	0.97	0.99	8				LX H		
9	8	0.96	0.98	1.00	7				LXH		
9	9	0.96	0.98	1.00	6				LXH		
9	10	0.96	0.98	1.00	5				LXH		
9	11	0.95	0.98	1.00	4				L XH		
9	12	0.89	0.96	1.00	2				L X H		
9	13	0.89	0.96	1.00	2				L X H		
9	14	0.99	1.00	1.00	2				X		
9	15	0.99	1.00	1.00	1				X		
9	16	0.99	1.00	1.00	1				X		
9	17	0.99	1.00	1.00	1				X		
9	18	0.99	1.00	1.00	1				X		
9	19	0.99	1.00	1.00	1				X		
9	20	0.99	1.00	1.00	1				X		
9	21	0.99	1.00	1.00	1				X		
9	22	0.99	1.00	1.00	1				X		
9	23	0.99	1.00	1.00	1				X		
9	24	0.99	1.00	1.00	1				X		
9	25	0.99	1.00	1.00	1				X		
9	26	0.99	1.00	1.00	1				X		
9	27	0.99	1.00	1.00	1				X		
9	28	0.99	1.00	1.00	1				X		
9	29	0.99	1.00	1.00	1				X		

Table 54. Petrof chum salmon mean daily proportion of total run, 90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	4	0.00	0.00	0.00	1	X					
7	5	0.00	0.00	0.00	1	X					
7	6	0.00	0.00	0.00	1	X					
7	7	0.00	0.00	0.00	1	X					
7	8	0.00	0.00	0.00	1	X					
7	9	0.00	0.00	0.00	1	X					
7	10	0.00	0.11	0.30	2	L	X	H			
7	11	0.00	0.27	0.71	2	L	X		H		
7	12	0.00	0.44	0.87	2	L		X		H	
7	13	0.00	0.44	0.89	2	L		X		H	
7	14	0.00	0.30	0.65	3	L		X		H	
7	15	0.00	0.31	0.68	3	L		X		H	
7	16	0.00	0.31	0.68	3	L		X		H	
7	17	0.00	0.31	0.68	3	L		X		H	
7	18	0.00	0.31	0.68	3	L		X		H	
7	19	0.00	0.31	0.68	3	L		X		H	
7	20	0.00	0.31	0.68	3	L		X		H	
7	21	0.00	0.32	0.70	3	L		X		H	
7	22	0.01	0.37	0.74	3	L		X		H	
7	23	0.34	0.55	0.75	3		L	X		H	
7	24	0.34	0.55	0.75	3		L	X		H	
7	25	0.34	0.55	0.75	3		L	X		H	
7	26	0.34	0.55	0.75	3		L	X		H	
7	27	0.34	0.55	0.75	3		L	X		H	
7	28	0.48	0.61	0.74	3			L	X	H	
7	29	0.48	0.61	0.74	3			L	X	H	
7	30	0.49	0.62	0.74	3			L	X	H	
7	31	0.49	0.62	0.74	3			L	X	H	
8	1	0.49	0.63	0.77	3			L	X	H	
8	2	0.48	0.64	0.80	3			L	X	H	
8	3	0.48	0.64	0.80	3			L	X	H	
8	4	0.48	0.64	0.80	3			L	X	H	
8	5	0.48	0.64	0.80	3			L	X	H	
8	6	0.48	0.64	0.80	3			L	X	H	
8	7	0.48	0.64	0.80	3			L	X	H	
8	8	0.48	0.64	0.80	3			L	X	H	
8	9	0.48	0.64	0.80	3			L	X	H	
8	10	0.48	0.64	0.80	3			L	X	H	
8	11	0.48	0.64	0.80	3			L	X	H	
8	12	0.47	0.65	0.82	3			L	X	H	
8	13	0.47	0.65	0.82	3			L	X	H	
8	14	0.47	0.65	0.82	3			L	X	H	
8	15	0.47	0.65	0.84	3			L	X	H	
8	16	0.47	0.65	0.84	3			L	X	H	
8	17	0.47	0.65	0.84	3			L	X	H	
8	18	0.47	0.65	0.84	3			L	X	H	
8	19	0.47	0.65	0.84	3			L	X	H	
8	20	0.47	0.65	0.84	3			L	X	H	
8	21	0.47	0.65	0.84	3			L	X	H	
8	22	0.47	0.65	0.84	3			L	X	H	
8	23	0.47	0.65	0.84	3			L	X	H	
8	24	0.47	0.65	0.84	3			L	X	H	
8	25	0.44	0.70	0.95	3			L	X	H	
8	26	0.53	0.54	0.56	2				LXH		
8	27	0.53	0.54	0.56	2				LXH		
8	28	0.53	0.54	0.56	2				LXH		
8	29	0.53	0.54	0.56	2				LXH		
8	30	0.53	0.54	0.56	2				LXH		

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Table 54. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	31	0.53	0.54	0.56	2				LXH		
9	1	0.53	0.54	0.56	2				LXH		
9	2	0.53	0.54	0.56	2				LXH		
9	3	0.53	0.54	0.56	2				LXH		
9	4	0.53	0.54	0.56	2				LXH		
9	5	0.53	0.54	0.56	2				LXH		
9	6	0.53	0.54	0.56	2				LXH		
9	7	0.38	0.77	1.00	2		L		X		H
9	8	0.38	1.00	1.00	1					X	

Table 55. East Arm Nuka Bay chum salmon mean daily proportion of total run,  
90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	20	0.00	0.02	0.00	1	X					
6	21	0.00	0.02	0.00	1	X					
6	22	0.00	0.04	0.00	1	X					
6	23	0.00	0.06	0.00	1	X					
6	24	0.00	0.03	0.08	2	L X H					
6	25	0.00	0.02	0.05	4	LXH					
6	26	0.00	0.03	0.06	4	L XH					
6	27	0.00	0.03	0.06	4	L XH					
6	28	0.02	0.04	0.06	5	LXH					
6	29	0.02	0.05	0.08	5	L XH					
6	30	0.03	0.06	0.09	5	L X H					
7	1	0.03	0.07	0.10	5	LXH					
7	2	0.04	0.08	0.12	5	L X H					
7	3	0.06	0.13	0.19	5	L X H					
7	4	0.05	0.11	0.18	6	L X H					
7	5	0.05	0.11	0.18	6	L X H					
7	6	0.06	0.13	0.20	6	L X H					
7	7	0.06	0.13	0.20	6	L X H					
7	8	0.07	0.13	0.20	6	L X H					
7	9	0.09	0.17	0.26	6	L X H					
7	10	0.10	0.19	0.27	6	L X H					
7	11	0.11	0.19	0.28	6	L X H					
7	12	0.13	0.21	0.28	6	L X H					
7	13	0.17	0.24	0.32	6	L X H					
7	14	0.18	0.25	0.32	6	L X H					
7	15	0.20	0.27	0.34	6	L X H					
7	16	0.21	0.28	0.35	6	L X H					
7	17	0.24	0.34	0.45	6	L X H					
7	18	0.24	0.36	0.48	6	L X H					
7	19	0.25	0.37	0.50	6	L X H					
7	20	0.28	0.40	0.52	6	L X H					
7	21	0.30	0.42	0.54	6	L X H					
7	22	0.31	0.44	0.57	6	L X H					
7	23	0.35	0.48	0.61	6	L X H					
7	24	0.37	0.51	0.64	6	L X H					
7	25	0.37	0.51	0.64	6	L X H					
7	26	0.39	0.52	0.66	6	L X H					
7	27	0.43	0.56	0.70	6	L X H					
7	28	0.45	0.60	0.75	6	L X H					
7	29	0.49	0.62	0.75	6	L X H					
7	30	0.49	0.63	0.76	6	L X H					
7	31	0.49	0.63	0.77	6	L X H					
8	1	0.51	0.65	0.79	6	L X H					
8	2	0.51	0.65	0.79	6	L X H					
8	3	0.51	0.66	0.80	6	L X H					
8	4	0.51	0.66	0.80	6	L X H					
8	5	0.71	0.80	0.89	6	L X H					
8	6	0.71	0.80	0.89	6	L X H					
8	7	0.75	0.85	0.95	6	L X H					
8	8	0.79	0.89	0.99	6	L X H					
8	9	0.75	0.87	0.98	5	L X H					
8	10	0.70	0.84	0.97	4	L X H					
8	11	0.71	0.85	0.99	4	L X H					
8	12	0.63	0.80	0.97	3	L X H					
8	13	0.63	0.80	0.97	3	L X H					
8	14	0.63	0.80	0.97	3	L X H					
8	15	0.63	0.80	0.97	3	L X H					
8	16	0.63	0.80	0.97	3	L X H					

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Table 55. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	17	0.72	0.85	0.98	3				L	X	H
8	18	0.73	0.77	0.81	2				L	X	H
8	19	0.73	0.77	0.81	2				L	X	H
8	20	0.73	0.77	0.81	2				L	X	H
8	21	0.73	0.77	0.81	2				L	X	H
8	22	0.73	0.77	0.81	2				L	X	H
8	23	0.73	0.77	0.81	2				L	X	H
8	24	0.68	0.85	1.00	2				L	X	H
8	25	0.68	0.85	1.00	2				L	X	H
8	26	0.68	0.85	1.00	2				L	X	H
8	27	0.68	0.85	1.00	2				L	X	H
8	28	0.68	0.85	1.00	2				L	X	H
8	29	0.68	0.85	1.00	2				L	X	H
8	30	0.68	0.85	1.00	2				L	X	H
8	31	0.68	0.85	1.00	2				L	X	H
9	1	0.68	0.85	1.00	2				L	X	H
9	2	0.66	0.87	1.00	2				L	X	H
9	3	0.66	0.75	1.00	1				X		
9	4	0.66	0.75	1.00	1				X		
9	5	0.66	0.75	1.00	1				X		
9	6	0.66	0.75	1.00	1				X		
9	7	0.66	1.00	1.00	1					X	

Table 56. Resurrection Bay chum salmon mean daily proportion of total run,  
90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	14	0.00	0.00	0.00	1	X					
6	15	0.00	0.00	0.00	1	X					
6	16	0.00	0.00	0.00	1	X					
6	17	0.00	0.00	0.00	1	X					
6	18	0.00	0.00	0.00	1	X					
6	19	0.00	0.00	0.00	1	X					
6	20	0.00	0.00	0.00	1	X					
6	21	0.00	0.00	0.00	1	X					
6	22	0.00	0.00	0.00	1	X					
6	23	0.00	0.00	0.00	1	X					
6	24	0.00	0.00	0.00	1	X					
6	25	0.00	0.00	0.00	1	X					
6	26	0.00	0.00	0.00	1	X					
6	27	0.00	0.00	0.00	1	X					
6	28	0.00	0.00	0.00	1	X					
6	29	0.00	0.00	0.00	1	X					
6	30	0.00	0.00	0.00	1	X					
7	1	0.00	0.00	0.00	1	X					
7	2	0.00	0.00	0.00	1	X					
7	3	0.00	0.00	0.00	1	X					
7	4	0.00	0.00	0.00	1	X					
7	5	0.00	0.00	0.00	1	X					
7	6	0.00	0.00	0.00	2	X					
7	7	0.00	0.00	0.00	2	X					
7	8	0.00	0.00	0.00	2	X					
7	9	0.00	0.00	0.00	2	X					
7	10	0.00	0.00	0.00	2	X					
7	11	0.00	0.11	0.29	2	L	X	H			
7	12	0.00	0.07	0.19	3	L	X	H			
7	13	0.00	0.08	0.21	3	L	X	H			
7	14	0.00	0.09	0.21	3	L	X	H			
7	15	0.00	0.09	0.21	3	L	X	H			
7	16	0.00	0.09	0.21	3	L	X	H			
7	17	0.00	0.09	0.21	3	L	X	H			
7	18	0.00	0.17	0.42	3	L	X	H			
7	19	0.00	0.17	0.42	3	L	X	H			
7	20	0.00	0.19	0.42	3	L	X	H			
7	21	0.00	0.29	0.66	3	L	X	H			
7	22	0.03	0.35	0.67	3	L	X	H			
7	23	0.09	0.39	0.70	3	L	X	H			
7	24	0.04	0.30	0.57	4	L	X	H			
7	25	0.04	0.31	0.59	4	L	X	H			
7	26	0.04	0.31	0.59	4	L	X	H			
7	27	0.04	0.31	0.59	4	L	X	H			
7	28	0.07	0.35	0.63	4	L	X	H			
7	29	0.08	0.36	0.63	4	L	X	H			
7	30	0.12	0.42	0.72	4	L	X	H			
7	31	0.13	0.47	0.81	4	L	X	H			
8	1	0.13	0.47	0.81	4	L	X	H			
8	2	0.13	0.47	0.81	4	L	X	H			
8	3	0.13	0.47	0.81	4	L	X	H			
8	4	0.22	0.53	0.84	4	L	X	H			
8	5	0.29	0.62	0.95	4	L	X	H			
8	6	0.30	0.65	1.00	4	L	X	H			
8	7	0.33	0.70	1.00	4	L	X	H			
8	8	0.38	0.74	1.00	4	L	X	H			
8	9	0.41	0.75	1.00	4	L	X	H			
8	10	0.42	0.76	1.00	4	L	X	H			

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Table 56. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	11	0.42	0.76	1.00	4		L		X		H
8	12	0.42	0.77	1.00	4		L		X		H
8	13	0.24	0.70	1.00	3		L		X		H
8	14	0.13	0.64	1.00	2		L		X		H
8	15	0.13	0.64	1.00	2		L		X		H
8	16	0.13	0.64	1.00	2		L		X		H
8	17	0.13	0.64	1.00	2		L		X		H
8	18	0.13	0.64	1.00	2		L		X		H
8	19	0.13	0.64	1.00	2		L		X		H
8	20	0.13	0.64	1.00	2		L		X		H
8	21	0.55	0.80	1.00	2			L		X	H
8	22	0.55	0.80	1.00	2			L		X	H
8	23	0.55	0.80	1.00	2			L		X	H
8	24	0.67	0.84	1.00	2				L	X	H
8	25	0.67	0.84	1.00	2				L	X	H
8	26	0.67	0.84	1.00	2				L	X	H
8	27	0.67	0.84	1.00	2				L	X	H
8	28	0.93	0.97	1.00	2					L	XH
8	29	0.93	0.95	1.00	1					X	
8	30	0.93	0.95	1.00	1					X	
8	31	0.93	1.00	1.00	1						X

Table 57. Iniskin Bay chum salmon mean daily proportion of total run, 90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	11	0.00	0.76	0.00	1				X		
7	12	0.00	0.76	0.00	1				X		
7	13	0.00	0.76	0.00	1				X		
7	14	0.00	0.76	0.00	1				X		
7	15	0.00	0.76	0.00	1				X		
7	16	0.00	0.76	0.00	1				X		
7	17	0.00	0.21	0.51	4	L	X		H		
7	18	0.00	0.21	0.51	4	L	X		H		
7	19	0.00	0.12	0.30	7	L	X	H			
7	20	0.00	0.11	0.24	9	L	X	H			
7	21	0.00	0.10	0.21	11	L	X	H			
7	22	0.02	0.12	0.22	12	L	X	H			
7	23	0.02	0.13	0.23	12	L	X	H			
7	24	0.02	0.14	0.25	12	L	X	H			
7	25	0.02	0.14	0.25	12	L	X	H			
7	26	0.03	0.14	0.26	12	L	X	H			
7	27	0.03	0.14	0.25	13	L	X	H			
7	28	0.03	0.14	0.26	13	L	X	H			
7	29	0.03	0.15	0.26	13	L	X	H			
7	30	0.04	0.15	0.27	13	L	X	H			
7	31	0.04	0.16	0.28	13	L	X	H			
8	1	0.06	0.18	0.30	13	L	X	H			
8	2	0.07	0.19	0.30	13	L	X	H			
8	3	0.08	0.19	0.30	13	L	X	H			
8	4	0.09	0.20	0.32	13	L	X	H			
8	5	0.11	0.23	0.34	13	L	X	H			
8	6	0.14	0.26	0.37	13	L	X	H			
8	7	0.19	0.30	0.41	13	L	X	H			
8	8	0.21	0.32	0.43	13	L	X	H			
8	9	0.24	0.36	0.47	13	L	X	H			
8	10	0.25	0.36	0.48	13	L	X	H			
8	11	0.26	0.38	0.49	13	L	X	H			
8	12	0.28	0.40	0.51	13	L	X	H			
8	13	0.30	0.41	0.52	13	L	X	H			
8	14	0.33	0.45	0.56	13	L	X	H			
8	15	0.37	0.48	0.58	13	L	X	H			
8	16	0.40	0.51	0.62	13	L	X	H			
8	17	0.42	0.53	0.64	13	L	X	H			
8	18	0.45	0.55	0.65	13	L	X	H			
8	19	0.47	0.57	0.66	13	L	X	H			
8	20	0.51	0.60	0.69	13	L	X	H			
8	21	0.56	0.64	0.72	13	L	X	H			
8	22	0.58	0.66	0.74	13	L	X	H			
8	23	0.60	0.68	0.76	13	L	X	H			
8	24	0.62	0.70	0.78	13	L	X	H			
8	25	0.63	0.70	0.78	13	L	X	H			
8	26	0.63	0.71	0.78	13	L	X	H			
8	27	0.63	0.71	0.78	13	L	X	H			
8	28	0.64	0.72	0.80	13	L	X	H			
8	29	0.64	0.72	0.80	13	L	X	H			
8	30	0.72	0.76	0.81	13		L	X	H		
8	31	0.73	0.78	0.83	13		L	X	H		
9	1	0.73	0.79	0.85	12		L	X	H		
9	2	0.73	0.80	0.86	11		L	X	H		
9	3	0.81	0.87	0.93	9		L	X	H		
9	4	0.81	0.88	0.95	6		L	X	H		
9	5	0.79	0.87	0.94	4		L	X	H		
9	6	0.79	0.87	0.94	4		L	X	H		

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Table 57. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
9	7	0.79	0.87	0.94	4				L	X	H
9	8	0.82	0.91	1.00	4				L	X	H
9	9	0.80	0.92	1.00	3				L	X	H
9	10	0.71	0.89	1.00	2				L	X	H
9	11	0.71	1.00	1.00	1						X

Table 58. Cottonwood Bay chum salmon mean daily proportion of total run, 90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	17	0.01	0.02	0.02	4	X					
7	18	0.01	0.02	0.02	4	X					
7	19	0.02	0.03	0.04	8	XH					
7	20	0.02	0.03	0.04	10	XH					
7	21	0.02	0.03	0.05	12	LX					
7	22	0.02	0.03	0.05	12	LX					
7	23	0.02	0.03	0.05	12	LX					
7	24	0.02	0.03	0.05	12	LX					
7	25	0.02	0.03	0.05	12	LX					
7	26	0.02	0.03	0.05	12	LX					
7	27	0.02	0.03	0.04	13	LX					
7	28	0.03	0.04	0.05	13	LX					
7	29	0.03	0.05	0.07	13	LXH					
7	30	0.03	0.05	0.07	13	L XH					
7	31	0.04	0.06	0.09	13	LXH					
8	1	0.05	0.07	0.10	13	L XH					
8	2	0.05	0.08	0.11	13	LX H					
8	3	0.06	0.09	0.11	13	LX H					
8	4	0.05	0.09	0.12	14	LX H					
8	5	0.05	0.10	0.14	14	L X H					
8	6	0.08	0.13	0.18	14	L X H					
8	7	0.08	0.13	0.18	14	L X H					
8	8	0.09	0.15	0.21	14	L X H					
8	9	0.10	0.17	0.23	14	L X H					
8	10	0.11	0.17	0.24	14	L X H					
8	11	0.11	0.18	0.24	14	L X H					
8	12	0.14	0.22	0.30	14	L X H					
8	13	0.16	0.24	0.32	14	L X H					
8	14	0.19	0.27	0.35	14	L X H					
8	15	0.19	0.27	0.36	14	L X H					
8	16	0.20	0.28	0.36	14	L X H					
8	17	0.23	0.32	0.41	14	L X H					
8	18	0.24	0.33	0.41	14	L X H					
8	19	0.26	0.35	0.43	14	L X H					
8	20	0.31	0.40	0.48	14	L X H					
8	21	0.32	0.41	0.50	14	L X H					
8	22	0.33	0.42	0.52	14	L X H					
8	23	0.38	0.46	0.54	14	L X H					
8	24	0.38	0.46	0.54	14	L X H					
8	25	0.39	0.47	0.55	14	L X H					
8	26	0.39	0.47	0.55	14	L X H					
8	27	0.39	0.47	0.55	14	L X H					
8	28	0.42	0.50	0.57	14	L X H					
8	29	0.43	0.51	0.59	14	L X H					
8	30	0.51	0.58	0.65	14	L X H					
8	31	0.53	0.62	0.70	14	L X H					
9	1	0.51	0.59	0.66	13	L X H					
9	2	0.54	0.63	0.72	13	L X H					
9	3	0.69	0.78	0.87	12		L X H				
9	4	0.67	0.77	0.88	8		L X H				
9	5	0.60	0.70	0.79	6		L X H				
9	6	0.66	0.77	0.88	6		L X H				
9	7	0.63	0.73	0.82	5		L X H				
9	8	0.74	0.82	0.91	5		L X H				
9	9	0.72	0.83	0.93	4		L X H				
9	10	0.73	0.86	0.99	3		L X H				
9	11	0.80	0.92	1.00	2		L X H				
9	12	0.80	1.00	1.00	1		X				

Table 59. Ursus Cove chum salmon mean daily proportion of total run, 90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	14	0.00	0.00	0.00	1	X					
7	15	0.00	0.00	0.00	1	X					
7	16	0.00	0.00	0.00	2	X					
7	17	0.00	0.00	0.00	3	X					
7	18	0.00	0.00	0.00	3	X					
7	19	0.00	0.05	0.13	4	L X H					
7	20	0.01	0.07	0.13	6	L X H					
7	21	0.01	0.08	0.14	6	L X H					
7	22	0.02	0.07	0.11	8	L X H					
7	23	0.02	0.06	0.10	9	L X H					
7	24	0.03	0.07	0.11	9	L X H					
7	25	0.04	0.09	0.14	10	L X H					
7	26	0.04	0.10	0.15	10	L X H					
7	27	0.05	0.10	0.16	10	L X H					
7	28	0.05	0.12	0.18	10	L X H					
7	29	0.06	0.13	0.20	10	L X H					
7	30	0.07	0.14	0.21	10	L X H					
7	31	0.07	0.14	0.21	10	L X H					
8	1	0.09	0.16	0.23	11	L X H					
8	2	0.09	0.16	0.23	11	L X H					
8	3	0.09	0.16	0.23	11	L X H					
8	4	0.12	0.28	0.44	11	L X H					
8	5	0.08	0.20	0.31	11	L X H					
8	6	0.11	0.23	0.35	11	L X H					
8	7	0.12	0.24	0.36	11	L X H					
8	8	0.13	0.24	0.36	11	L X H					
8	9	0.13	0.25	0.37	11	L X H					
8	10	0.15	0.26	0.38	11	L X H					
8	11	0.15	0.27	0.39	11	L X H					
8	12	0.17	0.29	0.41	11	L X H					
8	13	0.20	0.33	0.45	11	L X H					
8	14	0.23	0.36	0.48	11	L X H					
8	15	0.26	0.39	0.51	11	L X H					
8	16	0.32	0.44	0.56	11	L X H					
8	17	0.34	0.46	0.58	11	L X H					
8	18	0.35	0.48	0.60	11	L X H					
8	19	0.35	0.48	0.61	11	L X H					
8	20	0.36	0.49	0.62	11	L X H					
8	21	0.39	0.52	0.64	11	L X H					
8	22	0.39	0.52	0.64	11	L X H					
8	23	0.45	0.56	0.67	11	L X H					
8	24	0.49	0.59	0.70	11	L X H					
8	25	0.60	0.67	0.75	11	L X H					
8	26	0.61	0.70	0.79	11	L X H					
8	27	0.59	0.67	0.76	10	L X H					
8	28	0.59	0.67	0.76	10	L X H					
8	29	0.59	0.67	0.76	10	L X H					
8	30	0.59	0.67	0.76	10	L X H					
8	31	0.59	0.67	0.76	10	L X H					
9	1	0.63	0.73	0.82	10	L X H					
9	2	0.67	0.76	0.84	9	L X H					
9	3	0.73	0.84	0.94	8	L X H					
9	4	0.68	0.81	0.94	5	L X H					
9	5	0.81	0.88	0.95	4	L X H					
9	6	0.79	0.89	0.99	3	L X H					
9	7	0.77	0.83	0.88	2	L X H					
9	8	0.73	0.90	1.00	2	L X H					
9	9	0.73	0.80	1.00	1	X					

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Table 59. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
9	10	0.73	0.80	1.00	1					X	
9	11	0.73	1.00	1.00	1						X

Table 60. Rocky Cove chum salmon mean daily proportion of total run, 90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	14	0.00	0.22	0.00	1		X				
7	15	0.15	0.33	0.51	2		L	X	H		
7	16	0.05	0.24	0.42	3	L	X	H			
7	17	0.09	0.22	0.36	4	L	X	H			
7	18	0.09	0.22	0.36	4	L	X	H			
7	19	0.14	0.27	0.40	5	L	X	H			
7	20	0.14	0.27	0.40	5	L	X	H			
7	21	0.14	0.27	0.40	5	L	X	H			
7	22	0.13	0.42	0.71	5	L		X		H	
7	23	0.11	0.37	0.62	6	L		X	H		
7	24	0.14	0.42	0.69	6	L		X	H		
7	25	0.17	0.44	0.71	6	L		X		H	
7	26	0.08	0.35	0.62	5	L		X	H		
7	27	0.12	0.19	0.26	4	L	X	H			
7	28	0.04	0.33	0.62	4	L		X	H		
7	29	0.06	0.35	0.63	4	L		X	H		
7	30	0.06	0.35	0.63	4	L		X	H		
7	31	0.06	0.35	0.63	4	L		X	H		
8	1	0.20	0.46	0.72	4	L		X	H		
8	2	0.23	0.52	0.81	4	L		X	H		
8	3	0.20	0.36	0.52	3	L	X	H			
8	4	0.21	0.38	0.55	3	L	X	H			
8	5	0.21	0.38	0.55	3	L	X	H			
8	6	0.21	0.38	0.55	3	L	X	H			
8	7	0.21	0.38	0.55	3	L	X	H			
8	8	0.20	0.45	0.69	3	L		X	H		
8	9	0.23	0.42	0.61	4	L	X		H		
8	10	0.23	0.42	0.61	4	L	X		H		
8	11	0.23	0.42	0.61	4	L	X		H		
8	12	0.23	0.42	0.61	4	L	X		H		
8	13	0.23	0.42	0.61	4	L	X		H		
8	14	0.23	0.43	0.64	4	L	X		H		
8	15	0.23	0.43	0.64	4	L	X		H		
8	16	0.23	0.43	0.64	4	L	X		H		
8	17	0.24	0.45	0.66	4	L	X		H		
8	18	0.24	0.45	0.66	4	L	X		H		
8	19	0.24	0.45	0.66	4	L	X		H		
8	20	0.24	0.45	0.66	4	L	X		H		
8	21	0.24	0.45	0.66	4	L	X		H		
8	22	0.24	0.45	0.66	4	L	X		H		
8	23	0.24	0.45	0.66	4	L	X		H		
8	24	0.24	0.45	0.66	4	L	X		H		
8	25	0.30	0.59	0.88	4	L		X	H		
8	26	0.30	0.59	0.88	4	L		X	H		
8	27	0.30	0.59	0.88	4	L		X	H		
8	28	0.30	0.59	0.88	4	L		X	H		
8	29	0.64	0.81	0.98	4		L	X	H		
8	30	0.56	0.74	0.93	3		L	X	H		
8	31	0.61	0.84	1.00	3		L	X	H		
9	1	0.43	0.75	1.00	2		L	X	H		
9	2	0.93	0.97	1.00	2				L XH		
9	3	0.93	0.95	1.00	1				X		
9	4	0.93	0.95	1.00	1				X		
9	5	0.93	0.95	1.00	1				X		
9	6	0.93	0.95	1.00	1				X		
9	7	0.93	0.95	1.00	1				X		
9	8	0.93	0.95	1.00	1				X		
9	9	0.93	0.95	1.00	1				X		

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Table 60. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
9	10	0.93	0.95	1.00	1					x	
9	11	0.93	1.00	1.00	1					x	

Table 61. Kirschner Lake chum salmon mean daily proportion of total run, 90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
7	8	0.00	0.33	0.00	1			X			
7	9	0.00	0.33	0.00	1			X			
7	10	0.00	0.33	0.00	1			X			
7	11	0.00	0.37	0.00	1				X		
7	12	0.00	0.37	0.00	1				X		
7	13	0.00	0.37	0.00	1				X		
7	14	0.00	0.37	0.00	1				X		
7	15	0.00	0.37	0.00	1				X		
7	16	0.00	0.37	0.00	1				X		
7	17	0.00	0.37	0.00	1				X		
7	18	0.32	0.49	0.66	2		L		X	H	
7	19	0.34	0.50	0.66	2		L		X	H	
7	20	0.34	0.50	0.66	2		L		X	H	
7	21	0.22	0.69	1.00	2	L			X		
7	22	0.24	0.70	1.00	2	L			X		H
7	23	0.24	0.70	1.00	2	L			X		H
7	24	0.24	0.70	1.00	2	L			X		H
7	25	0.05	0.49	0.93	3	L		X		H	
7	26	0.49	0.76	1.00	3		L		X		H
7	27	0.57	0.79	1.00	3			L		X	H
7	28	0.57	0.79	1.00	3			L		X	H
7	29	0.57	0.80	1.00	3			L		X	H
7	30	0.57	0.80	1.00	3			L		X	H
7	31	0.57	0.80	1.00	3			L		X	H
8	1	0.58	0.82	1.00	3			L		X	H
8	2	0.64	0.85	1.00	3			L		X	H
8	3	0.66	0.86	1.00	3			L		X	H
8	4	0.54	0.79	1.00	2			L		X	H
8	5	0.19	0.59	0.99	3			L		X	H
8	6	0.57	0.83	1.00	3			L		X	H
8	7	0.36	0.76	1.00	2			L		X	H
8	8	0.36	0.76	1.00	2			L		X	H
8	9	0.36	0.76	1.00	2			L		X	H
8	10	0.36	0.76	1.00	2			L		X	H
8	11	0.36	0.76	1.00	2			L		X	H
8	12	0.36	0.76	1.00	2			L		X	H
8	13	0.36	0.76	1.00	2			L		X	H
8	14	0.36	0.52	1.00	1				X		
8	15	0.36	0.52	1.00	1				X		
8	16	0.36	0.52	1.00	1				X		
8	17	0.36	0.52	1.00	1				X		
8	18	0.36	0.52	1.00	1				X		
8	19	0.36	0.52	1.00	1				X		
8	20	0.36	0.52	1.00	1				X		
8	21	0.36	0.52	1.00	1				X		
8	22	0.36	0.52	1.00	1				X		
8	23	0.36	0.52	1.00	1				X		
8	24	0.36	0.52	1.00	1				X		
8	25	0.36	0.52	1.00	1				X		
8	26	0.36	0.52	1.00	1				X		
8	27	0.36	1.00	1.00	1					X	

Table 62. Bruin Bay chum salmon mean daily proportion of total run, 90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	24	0.00	0.00	0.00	1	X					
6	25	0.00	0.00	0.00	1	X					
6	26	0.00	0.00	0.00	1	X					
6	27	0.00	0.00	0.00	1	X					
6	28	0.00	0.00	0.00	1	X					
6	29	0.00	0.00	0.00	1	X					
6	30	0.00	0.00	0.00	1	X					
7	1	0.00	0.00	0.00	2	X					
7	2	0.00	0.00	0.00	2	X					
7	3	0.00	0.01	0.02	3	XH					
7	4	0.00	0.01	0.02	3	XH					
7	5	0.00	0.01	0.02	4	XH					
7	6	0.00	0.01	0.02	4	XH					
7	7	0.00	0.01	0.02	7	XH					
7	8	0.00	0.01	0.02	7	LX					
7	9	0.01	0.01	0.02	7	LX					
7	10	0.01	0.01	0.02	7	LX					
7	11	0.01	0.03	0.05	8	XH					
7	12	0.02	0.04	0.06	9	LXH					
7	13	0.03	0.05	0.07	12	LXH					
7	14	0.03	0.05	0.07	13	LXH					
7	15	0.04	0.07	0.09	13	LX H					
7	16	0.03	0.11	0.19	13	L X H					
7	17	0.07	0.14	0.22	13	L X H					
7	18	0.09	0.16	0.23	13	L X H					
7	19	0.12	0.20	0.27	13	L X H					
7	20	0.14	0.21	0.29	13	L X H					
7	21	0.16	0.26	0.37	13	L X H					
7	22	0.17	0.28	0.38	13	L X H					
7	23	0.19	0.30	0.41	13	L X H					
7	24	0.23	0.35	0.46	13	L X H					
7	25	0.26	0.37	0.48	13	L X H					
7	26	0.30	0.42	0.53	13	L X H					
7	27	0.38	0.49	0.61	13	L X H					
7	28	0.42	0.54	0.66	13	L X H					
7	29	0.43	0.55	0.67	13	L X H					
7	30	0.45	0.57	0.69	13	L X H					
7	31	0.49	0.62	0.75	13	L X H					
8	1	0.53	0.66	0.79	13	L X H					
8	2	0.54	0.68	0.81	13	L X H					
8	3	0.57	0.71	0.84	13	L X H					
8	4	0.58	0.71	0.84	13	L X H					
8	5	0.59	0.72	0.85	13	L X H					
8	6	0.64	0.76	0.89	13	L X H					
8	7	0.69	0.80	0.90	13	L X H					
8	8	0.67	0.79	0.91	12	L X H					
8	9	0.65	0.77	0.90	11	L X H					
8	10	0.69	0.81	0.94	11	L X H					
8	11	0.71	0.82	0.94	9	L X H					
8	12	0.64	0.77	0.90	7	L X H					
8	13	0.64	0.77	0.90	7	L X H					
8	14	0.64	0.78	0.91	7	L X H					
8	15	0.60	0.74	0.88	6	L X H					
8	16	0.60	0.74	0.88	6	L X H					
8	17	0.60	0.74	0.88	6	L X H					
8	18	0.60	0.74	0.88	6	L X H					
8	19	0.60	0.74	0.88	6	L X H					
8	20	0.55	0.69	0.82	5	L X H					

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Table 62. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	21	0.55	0.69	0.82	5				L	X	H
8	22	0.55	0.69	0.82	5				L	X	H
8	23	0.63	0.76	0.90	5				L	X	H
8	24	0.63	0.76	0.90	5				L	X	H
8	25	0.64	0.80	0.95	5				L	X	H
8	26	0.58	0.75	0.92	4				L	X	H
8	27	0.58	0.75	0.92	4				L	X	H
8	28	0.58	0.75	0.92	4				L	X	H
8	29	0.58	0.75	0.92	4				L	X	H
8	30	0.64	0.83	1.00	4				L	X	H
8	31	0.89	0.94	0.99	3					L	X H
9	1	0.88	0.95	1.00	2					L	X H
9	2	0.88	0.91	1.00	1					X	
9	3	0.88	0.91	1.00	1					X	
9	4	0.88	0.91	1.00	1					X	
9	5	0.88	0.91	1.00	1					X	
9	6	0.88	0.91	1.00	1					X	
9	7	0.88	1.00	1.00	1						X

Table 63. McNeil River chum salmon mean daily proportion of total run, 90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	4	0.00	0.00	0.00	1	X					
6	5	0.00	0.00	0.00	2	X					
6	6	0.00	0.00	0.00	3	X					
6	7	0.00	0.00	0.01	3	X					
6	8	0.00	0.00	0.01	3	X					
6	9	0.00	0.00	0.01	3	X					
6	10	0.00	0.00	0.01	6	X					
6	11	0.00	0.00	0.01	6	X					
6	12	0.00	0.00	0.01	6	X					
6	13	0.00	0.00	0.00	7	X					
6	14	0.00	0.00	0.00	8	X					
6	15	0.00	0.00	0.00	8	X					
6	16	0.00	0.00	0.01	8	X					
6	17	0.00	0.00	0.01	8	X					
6	18	0.00	0.00	0.01	8	X					
6	19	0.00	0.00	0.01	8	X					
6	20	0.00	0.00	0.01	9	X					
6	21	0.00	0.00	0.01	10	X					
6	22	0.00	0.00	0.01	10	X					
6	23	0.00	0.00	0.01	10	X					
6	24	0.00	0.01	0.01	10	XH					
6	25	0.00	0.01	0.01	11	X					
6	26	0.00	0.01	0.01	11	XH					
6	27	0.00	0.01	0.02	11	LX					
6	28	0.01	0.02	0.03	12	LX					
6	29	0.01	0.02	0.03	12	LX					
6	30	0.01	0.02	0.04	12	LXH					
7	1	0.01	0.04	0.07	12	L X H					
7	2	0.01	0.06	0.10	12	L X H					
7	3	0.02	0.07	0.12	12	L X H					
7	4	0.04	0.09	0.14	13	L X H					
7	5	0.06	0.13	0.20	14	L X H					
7	6	0.08	0.17	0.26	14	L X H					
7	7	0.09	0.19	0.28	14	L X H					
7	8	0.09	0.18	0.27	15	L X H					
7	9	0.12	0.22	0.33	15	L X H					
7	10	0.13	0.25	0.36	15	L X H					
7	11	0.16	0.28	0.41	15	L X H					
7	12	0.19	0.32	0.44	15	L X H					
7	13	0.23	0.35	0.48	15	L X H					
7	14	0.26	0.38	0.51	15	L X H					
7	15	0.30	0.44	0.57	15	L X H					
7	16	0.33	0.46	0.59	15	L X H					
7	17	0.37	0.49	0.61	15	L X H					
7	18	0.40	0.53	0.66	15	L X H					
7	19	0.42	0.54	0.66	14	L X H					
7	20	0.43	0.55	0.67	14	L X H					
7	21	0.45	0.57	0.69	14	L X H					
7	22	0.50	0.61	0.73	14	L X H					
7	23	0.48	0.59	0.70	13	L X H					
7	24	0.48	0.60	0.71	13	L X H					
7	25	0.50	0.61	0.73	13	L X H					
7	26	0.52	0.63	0.75	13	L X H					
7	27	0.55	0.67	0.78	13	L X H					
7	28	0.56	0.67	0.78	13	L X H					
7	29	0.56	0.67	0.78	13	L X H					
7	30	0.58	0.69	0.80	13	L X H					
7	31	0.59	0.70	0.81	13	L X H					

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Table 63. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	1	0.64	0.74	0.83	13				L	X	H
8	2	0.62	0.72	0.81	12				L	X	H
8	3	0.63	0.73	0.83	12				L	X	H
8	4	0.63	0.73	0.83	12				L	X	H
8	5	0.63	0.73	0.83	12				L	X	H
8	6	0.66	0.76	0.86	12				L	X	H
8	7	0.66	0.76	0.86	12				L	X	H
8	8	0.64	0.74	0.85	11				L	X	H
8	9	0.64	0.74	0.85	11				L	X	H
8	10	0.68	0.77	0.85	11				L	X	H
8	11	0.70	0.79	0.87	11				L	X	H
8	12	0.70	0.79	0.87	11				L	X	H
8	13	0.70	0.79	0.87	11				L	X	H
8	14	0.75	0.82	0.90	11				L	X	H
8	15	0.73	0.80	0.88	10				L	X	H
8	16	0.73	0.80	0.88	10				L	X	H
8	17	0.73	0.80	0.88	10				L	X	H
8	18	0.73	0.80	0.88	10				L	X	H
8	19	0.73	0.80	0.88	10				L	X	H
8	20	0.73	0.80	0.88	10				L	X	H
8	21	0.73	0.80	0.88	10				L	X	H
8	22	0.73	0.80	0.88	10				L	X	H
8	23	0.73	0.80	0.88	10				L	X	H
8	24	0.73	0.82	0.90	10				L	X	H
8	25	0.71	0.80	0.89	9				L	X	H
8	26	0.76	0.85	0.93	9				L	X	H
8	27	0.74	0.83	0.91	8				L	X	H
8	28	0.74	0.83	0.91	8				L	X	H
8	29	0.74	0.83	0.91	8				L	X	H
8	30	0.82	0.88	0.95	8				L	X	H
8	31	0.78	0.84	0.91	6				L	X	H
9	1	0.78	0.85	0.92	6				L	X	H
9	2	0.78	0.87	0.95	5				L	X	H
9	3	0.76	0.89	1.00	4				L	X	H
9	4	0.63	0.77	0.92	2				L	X	H
9	5	0.58	0.84	1.00	2				L	X	H
9	6	0.58	0.68	1.00	1				X		
9	7	0.58	1.00	1.00	1					X	

Table 64. Kamishak River chum salmon mean daily proportion of total run, 90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	14	0.00	0.00	0.00	1	X					
6	15	0.00	0.00	0.00	1	X					
6	16	0.00	0.00	0.00	2	X					
6	17	0.00	0.00	0.00	2	X					
6	18	0.00	0.00	0.00	2	X					
6	19	0.00	0.00	0.00	3	X					
6	20	0.00	0.00	0.00	3	X					
6	21	0.00	0.00	0.00	3	X					
6	22	0.00	0.00	0.00	3	X					
6	23	0.00	0.00	0.00	3	X					
6	24	0.00	0.00	0.00	3	X					
6	25	0.00	0.00	0.01	3	X					
6	26	0.00	0.00	0.01	3	X					
6	27	0.00	0.00	0.01	3	X					
6	28	0.00	0.00	0.01	3	X					
6	29	0.00	0.00	0.01	3	X					
6	30	0.00	0.01	0.03	3	LX					
7	1	0.00	0.04	0.10	3	L X H					
7	2	0.00	0.04	0.11	3	L X H					
7	3	0.00	0.04	0.11	3	L X H					
7	4	0.00	0.04	0.11	3	L X H					
7	5	0.00	0.04	0.11	3	L X H					
7	6	0.00	0.04	0.11	3	L X H					
7	7	0.02	0.09	0.15	3	L X H					
7	8	0.02	0.09	0.16	3	L X H					
7	9	0.02	0.09	0.16	3	L X H					
7	10	0.02	0.09	0.16	3	L X H					
7	11	0.00	0.06	0.11	5	L X H					
7	12	0.00	0.07	0.14	6	L X H					
7	13	0.00	0.06	0.12	7	L X H					
7	14	0.00	0.07	0.15	7	L X H					
7	15	0.01	0.08	0.16	8	L X H					
7	16	0.01	0.07	0.14	9	L X H					
7	17	0.02	0.08	0.14	10	L X H					
7	18	0.05	0.11	0.17	11	L X H					
7	19	0.09	0.16	0.23	11	L X H					
7	20	0.10	0.18	0.26	11	L X H					
7	21	0.10	0.19	0.27	11	L X H					
7	22	0.11	0.21	0.31	11	L X H					
7	23	0.12	0.21	0.31	11	L X H					
7	24	0.13	0.24	0.35	11	L X H					
7	25	0.14	0.26	0.37	11	L X H					
7	26	0.15	0.27	0.38	11	L X H					
7	27	0.17	0.29	0.41	11	L X H					
7	28	0.22	0.33	0.45	11	L X H					
7	29	0.22	0.34	0.46	11	L X H					
7	30	0.24	0.35	0.47	11	L X H					
7	31	0.26	0.38	0.49	11	L X H					
8	1	0.29	0.40	0.51	11	L X H					
8	2	0.32	0.43	0.54	11	L X H					
8	3	0.38	0.48	0.58	11	L X H					
8	4	0.40	0.50	0.59	11	L X H					
8	5	0.42	0.53	0.64	11	L X H					
8	6	0.42	0.55	0.67	11	L X H					
8	7	0.45	0.58	0.71	11	L X H					
8	8	0.48	0.60	0.72	11	L X H					
8	9	0.51	0.63	0.76	11	L X H					
8	10	0.60	0.69	0.79	11	L X H					

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Table 64. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	11	0.62	0.72	0.82	11				L	X	H
8	12	0.62	0.72	0.83	11				L	X	H
8	13	0.62	0.72	0.83	11				L	X	H
8	14	0.62	0.72	0.83	11				L	X	H
8	15	0.62	0.74	0.85	11				L	X	H
8	16	0.62	0.74	0.85	11				L	X	H
8	17	0.62	0.74	0.85	11				L	X	H
8	18	0.64	0.76	0.88	11				L	X	H
8	19	0.61	0.74	0.86	10				L	X	H
8	20	0.61	0.74	0.86	10				L	X	H
8	21	0.58	0.71	0.83	9				L	X	H
8	22	0.59	0.71	0.84	9				L	X	H
8	23	0.59	0.71	0.84	9				L	X	H
8	24	0.55	0.68	0.80	8				L	X	H
8	25	0.65	0.76	0.87	8				L	X	H
8	26	0.62	0.73	0.84	7				L	X	H
8	27	0.62	0.73	0.84	7				L	X	H
8	28	0.62	0.73	0.84	7				L	X	H
8	29	0.71	0.81	0.90	7				L	X	H
8	30	0.88	0.94	0.99	6					L	X H
8	31	0.89	0.94	0.99	3					L	X H
9	1	0.88	0.95	1.00	2					L	X H
9	2	0.88	0.91	1.00	1					X	
9	3	0.88	1.00	1.00	1					X	

Table 65. Douglas River chum salmon mean daily proportion of total run, 90% confidence intervals, and sample size.

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
6	20	0.00	0.00	0.00	1	X					
6	21	0.00	0.00	0.00	1	X					
6	22	0.00	0.00	0.00	1	X					
6	23	0.00	0.00	0.00	1	X					
6	24	0.00	0.00	0.00	1	X					
6	25	0.00	0.00	0.00	1	X					
6	26	0.00	0.00	0.00	1	X					
6	27	0.00	0.00	0.00	1	X					
6	28	0.00	0.00	0.00	1	X					
6	29	0.00	0.00	0.00	1	X					
6	30	0.00	0.00	0.00	1	X					
7	1	0.00	0.00	0.00	1	X					
7	2	0.00	0.00	0.00	1	X					
7	3	0.00	0.00	0.00	2	X					
7	4	0.00	0.00	0.00	2	X					
7	5	0.00	0.00	0.00	2	X					
7	6	0.00	0.00	0.00	2	X					
7	7	0.00	0.01	0.01	3	XH					
7	8	0.00	0.01	0.01	3	XH					
7	9	0.00	0.01	0.01	3	XH					
7	10	0.00	0.01	0.01	3	XH					
7	11	0.00	0.04	0.08	5	L X H					
7	12	0.00	0.08	0.16	8	L X H					
7	13	0.02	0.12	0.22	8	L X H					
7	14	0.02	0.13	0.23	8	L X H					
7	15	0.02	0.13	0.23	8	L X H					
7	16	0.03	0.16	0.30	8	L X H					
7	17	0.05	0.18	0.32	8	L X H					
7	18	0.05	0.18	0.32	8	L X H					
7	19	0.08	0.22	0.36	8	L X H					
7	20	0.13	0.28	0.43	8	L X H					
7	21	0.20	0.37	0.54	8	L X H					
7	22	0.26	0.42	0.58	8	L X H					
7	23	0.28	0.43	0.59	8	L X H					
7	24	0.29	0.44	0.60	8	L X H					
7	25	0.31	0.46	0.61	8	L X H					
7	26	0.31	0.46	0.61	8	L X H					
7	27	0.37	0.50	0.64	8	L X H					
7	28	0.39	0.53	0.67	8	L X H					
7	29	0.39	0.54	0.68	8	L X H					
7	30	0.41	0.55	0.70	8	L X H					
7	31	0.41	0.56	0.71	8	L X H					
8	1	0.44	0.60	0.75	8	L X H					
8	2	0.45	0.60	0.75	8	L X H					
8	3	0.45	0.60	0.75	8	L X H					
8	4	0.47	0.64	0.80	8	L X H					
8	5	0.48	0.65	0.83	8	L X H					
8	6	0.48	0.66	0.83	8	L X H					
8	7	0.51	0.68	0.84	8	L X H					
8	8	0.55	0.70	0.86	8	L X H					
8	9	0.55	0.70	0.86	8	L X H					
8	10	0.58	0.73	0.89	8	L X H					
8	11	0.58	0.74	0.90	8	L X H					
8	12	0.58	0.74	0.91	8	L X H					
8	13	0.64	0.78	0.92	8	L X H					
8	14	0.70	0.82	0.94	8	L X H					
8	15	0.71	0.83	0.95	8	L X H					
8	16	0.73	0.84	0.95	8	L X H					

-continued-

Table 65. (page 2 of 2)

Mo	Day	Low	Mean	High	n	0.0	0.2	0.4	0.6	0.8	1.0
8	17	0.71	0.83	0.95	7				L	X	H
8	18	0.67	0.80	0.94	6				L	X	H
8	19	0.70	0.83	0.95	6				L	X	H
8	20	0.70	0.83	0.95	6				L	X	H
8	21	0.70	0.83	0.96	6				L	X	H
8	22	0.70	0.83	0.96	6				L	X	H
8	23	0.70	0.83	0.96	6				L	X	H
8	24	0.70	0.83	0.96	6				L	X	H
8	25	0.70	0.83	0.96	6				L	X	H
8	26	0.70	0.83	0.96	6				L	X	H
8	27	0.70	0.83	0.96	6				L	X	H
8	28	0.70	0.83	0.96	6				L	X	H
8	29	0.73	0.87	1.00	6				L	X	H
8	30	0.69	0.84	1.00	5				L	X	H
8	31	0.89	0.95	1.00	5				L	X	H
9	1	0.96	0.98	1.00	4						LXH
9	2	0.95	0.97	1.00	3						L XH
9	3	0.95	0.97	1.00	3						L XH
9	4	0.95	0.97	1.00	3						L XH
9	5	0.97	0.99	1.00	2						XH
9	6	0.97	0.98	1.00	1						X
9	7	0.97	0.98	1.00	1						X
9	8	0.97	1.00	1.00	1						X

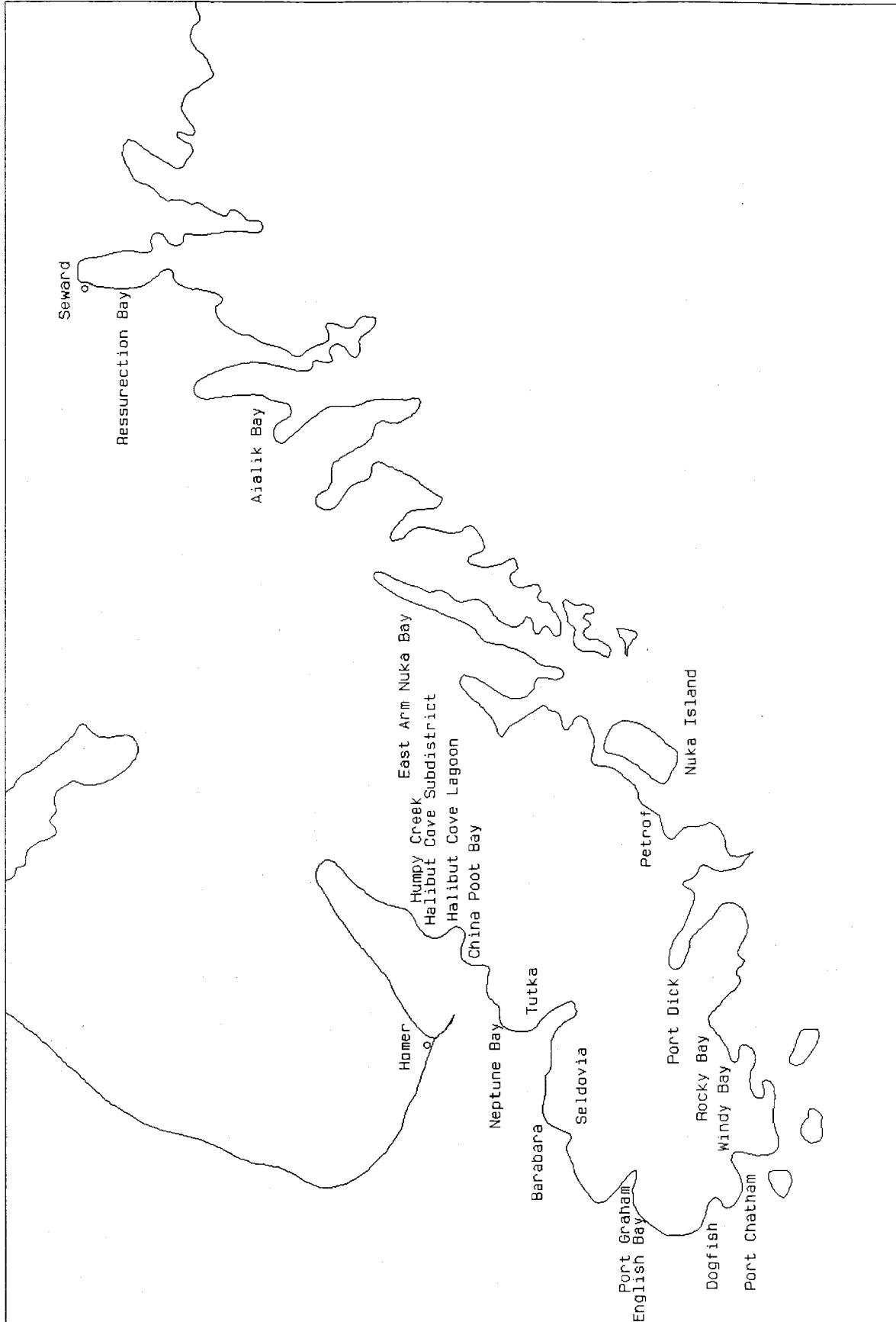


Figure 1 Salmon harvest areas with run time curves in the Southern, Outer, and Eastern Districts.

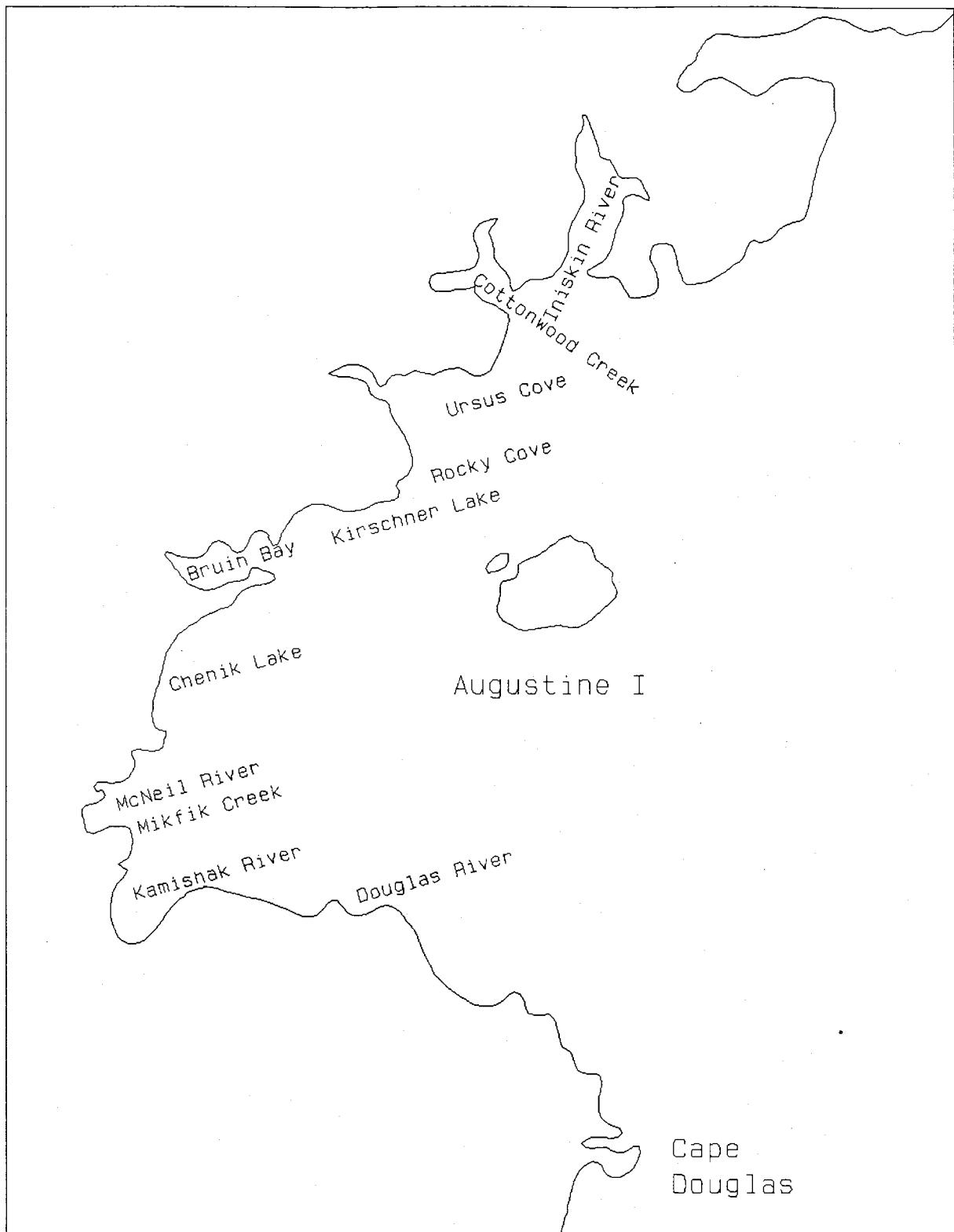


Figure 2. Salmon harvest areas with run time curves in the Kamishak Bay District.

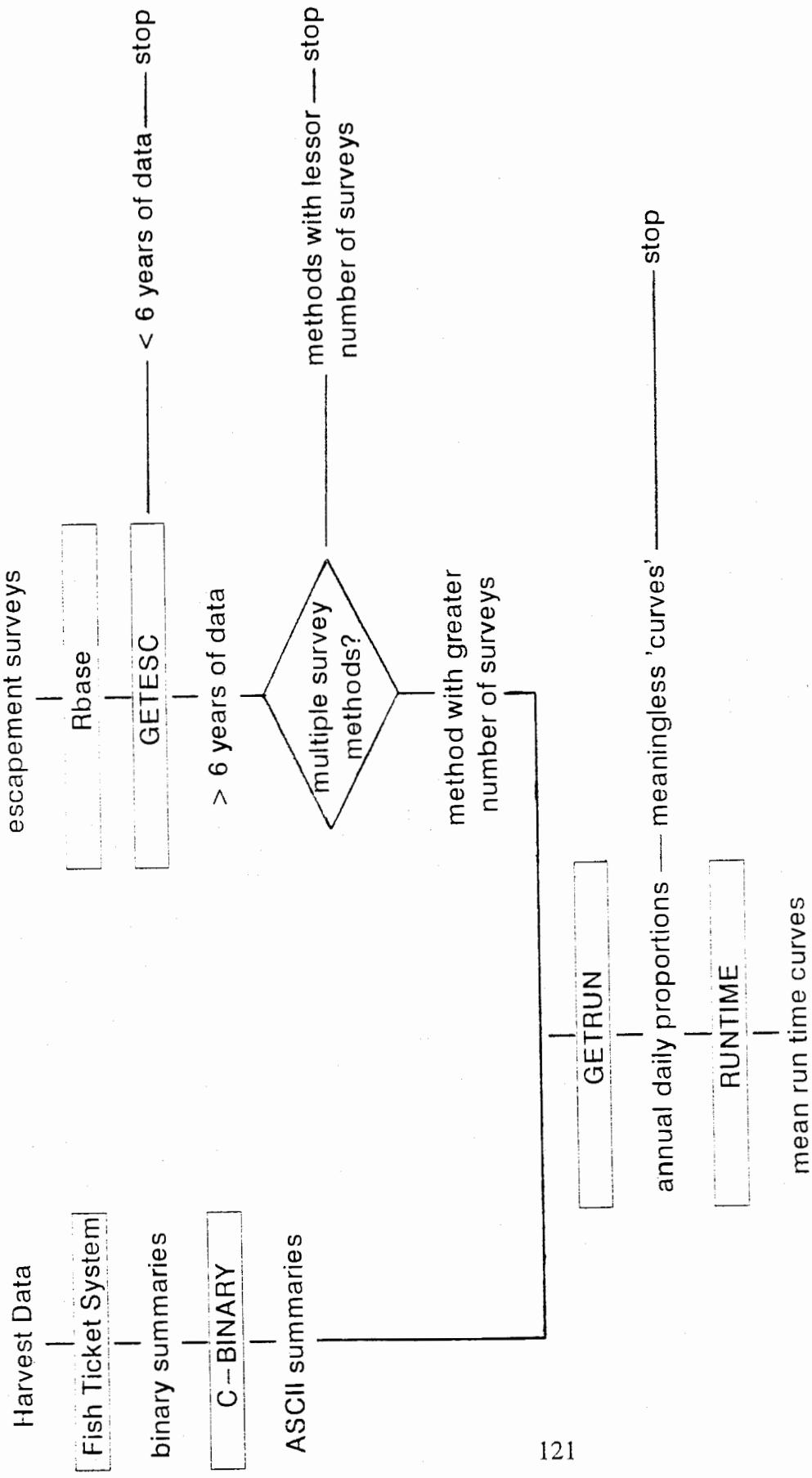


Figure 3. Flow chart of data and software required to produce run time curves for Lower Cook Inlet.

## **APPENDIX A: FORTRAN PROGRAMS**

Appendix A.1. FORTRAN program listing for GETESC.EXE.

```

$DEBUG
C.....GETESC.FOR
C.....THIS PROGRAM WAS WRITTEN TO READ THE RBASE EXPORT FILE
C.....THE RBASE EXPORT FILE IS THE REPORT NAMED ESC1 WRITTEN TO A DISK
C.....EXPORT FILE SHOULD BE SORTED BY SPECIES, STREAM, YEAR, METHOD, AND DATE
C.....IN KEDIT, THE COMMAND IS: SORT * 16 16 1 4 10 11 13 13 6 9
C.....THIS PROGRAM WILL SUMMARIZE DAILY AND ACCUM ESCAPEMENT
C.....IF MORE THAN ONE SURVEY, THE SURVEY WITH THE LARGER
C.....ESTIMATE WILL BE USED.
C.....THE SPECIES ORDER IN THE OUTPUT MATCHES THE RBASE FILES
C.....i.e., pink, chum, sockeye, chinook, coho
C.....(DOES NOT MATCH THE AWL FILES)
C.....THIS PROGRAM DOES NOT:
C.....1) CONSIDER BAY FISH THAT ENTER THE STREAM AFTER THE LAST SURVEY
C.....2) PEAK CARCASS COUNTS THAT ARE GREATER THAN THE SUM OF THE LIVE COUNTS
C.....OR THE ESCAPEMENT ESTIMATED FROM STREAM LIFE
C.....3) USE YEARS WITH LESS THAN 6 SURVEYS
C.....
C.....check output for multiple methods in the same year (by stream)
C.....keep the one with the greater sample size & delete the others
C.....
IMPLICIT DOUBLE PRECISION (A-H)
IMPLICIT DOUBLE PRECISION (0-Z)
CHARACTER*32 FNAME
CHARACTER*1 METHOD,MSAV
INTEGER CODE,CSAV,YSAV,SSAV,KIND(5)
REAL MON(90),LAGOON,LAKE
DIMENSION DAY(90),ESTIM(90)
DATA KIND/44,45,42,41,43/

      WRITE(*,1000)
1000 FORMAT(' write daily escapements with 17.5 day stream life')
      WRITE(*,1100)
1100 FORMAT(' READ RBase export file  \'')
      READ(*,1200) FNAME
1200 FORMAT(A32)
      OPEN (1,FILE=FNAME)

      WRITE(*,1300)
1300 FORMAT(' start with what year (e.g. 70) ?    \'')
      READ(*,1350) IBEG
1350 FORMAT(I2)

      OPEN (2,FILE='MESSAGE.TMP')
      OPEN (11,FILE='PINK.TMP')
      OPEN (12,FILE='CHUM.TMP')
      OPEN (13,FILE='RED.TMP')
      OPEN (14,FILE='KING.TMP')
      OPEN (15,FILE='COHO.TMP')
      WRITE(*,1400)
1400 FORMAT(/' Output is in PINK.TMP. CHUM.TMP, RED.TMP, KING.TMP'
     &, & COHO.TMP /'
     &, Read MESSAGE.TMP to see if more than one survey per day./'
     &, If there were, this program selected the survey with the
     &, higher estimate./'
     &, If more than one method per year for a stream in output files/'
     &, keep the one with the greater sample size, delete the others/')
     ISTOP=0
90 IPASS=0
     DO 95 I=1,90
     ESTIM(I)=0
95 CONTINUE
C.....BEGIN WITH DAY NUMBER 2

```

```

N=1
C.....BEGIN WITH SURVEY # 1
K=1

      97 READ(1,2000,END=290) CODE,IMO,ID,IY,METHOD,ISP,
     &BAY,TIDE,LAGOON,STREAM,LAKE
2000 FORMAT(I4,1X,3I2,1X,A1,2X,I1,5F10.0)

      WRITE(*,2060) CODE,IMO,ID,IY,METHOD,ISP
2060 FORMAT('+',I4,1X,I2,1X,I2,1X,I2,1X,A1,1X,I2)

C.....SKIP YEARS EARLIER THAN REQUESTED
      IF(IY.LT.IBEG) GO TO 97
C.....IGNORE SPECIES OTHER THAN PINK, CHUM, SOCKEYE, KING, AND COHO
      IF(ISP.GT.5) GO TO 97

C.....IF PINK OR CHUM: USE TIDAL AND STREAM ONLY
      IF(ISP.LE.2) TOTAL=TIDE+STREAM
C.....OTHERWISE: USE BAY, LAGOON, TIDAL, STREAM, AND LAKE
      IF(ISP.GE.3) TOTAL=BAY+TIDE+LAGOON+STREAM+LAKE
C.....EXCEPTIONS TO THE ABOVE
C.....AIALIK SOCKEYE
      IF(ISP.EQ.3.AND.CODE.EQ.3040) TOTAL=LAKE+STREAM
C.....CHENIK SOCKEYE
      IF(ISP.EQ.3.AND.CODE.EQ.4340) TOTAL=STREAM+LAKE
C.....MIKFIK SOCKEYE
      IF(ISP.EQ.3.AND.CODE.EQ.4400) TOTAL=STREAM+LAKE

      IF(IPASS.EQ.1) GO TO 101
100 CSAVE=CODE
      YSAV=IY
      MSAV=METHOD
      SSAVE=ISP
      IDATE=(IMO*100)+ID
      IDSAV=IDATE
      IPASS=1
C.....BREAK IF NEW STREAM
      101 IF(CODE.EQ.CSAVE) GO TO 102
      GO TO 300
C.....BREAK IF NEW YEAR
      102 IF(YSAV.EQ.IY)GO TO 103
      GO TO 300
C.....BREAK IF NEW SURVEY METHOD
      103 IF(MSAV.EQ.METHOD) GO TO 104
      GO TO 300
C.....BREAK IF NEW SPECIES
      104 IF(SSAVE.EQ.ISP) GO TO 105
      GO TO 300

      105 IF(ISP.LE.2) GO TO 106
C.....SKIP SOCKEYE, CHINOOK, COHO COUNTS
C.....IF LESS THAN THOSE FROM PREVIOUS SURVEY
      IF(TOTAL.LT.ESTIM(N))GO TO 97
C.....ASSIGN DAY NUMBERS TO COUNTS
      106 IDATE=(IMO*100)+ID
C.....IF FIRST RECORD, IDATE=IDSAV, THEREFORE GOTO 107
      IF(IDATE.EQ.IDSAV.AND.N.GT.2) GO TO 107
      N=N+1
      IDSAV=IDATE
      MON(N)=IMO
      DAY(N)=ID
      ESTIM(N)=TOTAL
      GO TO 97

      107 IF(CODE.EQ.2040) GO TO 280
      IF(CODE.EQ.2020) GO TO 280

```

```

      WRITE(2,2070) CODE,IMO,ID,IY,METHOD,ISP
2070 FORMAT(14,1X,I2,1X,I2,1X,I2,1X,A1,1X,I2,' MULTIPLE SURVEY')
C.....FOR MOST STREAM, USE LARGER OF MULTIPLE SURVEYS
  IF(TOTAL.GT.ESTIM(N)) ESTIM(N) =TOTAL
  GO TO 97

C.....ADD UP LEFT AND RIGHT FORKS FOR PORT CHATHAM AND DOGFISH
280 ESTIM(N)=ESTIM(N)+TOTAL
  GO TO 97

290 ISTOP=1
C.....SKIP IF LESS THAN 5 SURVEYS/YEAR
300 IF(N.LE.5)GO TO 700

C.....SKIP IF NO FISH SEEN DURING THE YEAR
ACCUM=0
DO 302 I=2,N
ACCUM=ACCUM+ESTIM(I)
302 CONTINUE
IF(ACCUM.EQ.0)GO TO 700

C.....ASSUME ZERO COUNT ON DAY OF FIRST DAY (7/10)
C.....OR DAY BEFORE IF FIRST SURVEY EARLIER THAN 7/11
XDATE=(MON(2)*100)+DAY(2)
IF(XDATE.GT.710) GO TO 305
MON(1)=MON(2)
OAY(1)=DAY(2)-1
IF(DAY(1).EQ.0) MON(1)=MON(2)-1
IF(DAY(1).EQ.0) DAY(1)=30
GO TO 307
305 MON(1)=7
DAY(1)=10
307 ESTIM(1)=0

C.....ASSUME ZERO COUNT ON LAST DAY (9/15)
N1=N+1
C.....OR DAY AFTER IF LAST SURVEY LATER THAN 9/15
XDATE=(MON(N)*100)+DAY(N)
IF(XDATE.LT.915) GO TO 308
MON(N1)=MON(N)
DAY(N1)=DAY(N)+1
IF(DAY(N1).EQ.31) MON(N1)=MON(N1)+1
IF(DAY(N1).EQ.31) DAY(N1)=1
GO TO 309
308 MON(N1)=9
DAY(N1)=15
309 ESTIM(N1)=0

C.....FIND DAILY AND CUMMULATIVE TOTALS
STRMLIFE=17.5
M=MON(1)
IDA=DAY(1)
IDAY=0
ACCUM=0
DO 590 I=2,N1

C.....IF SOCKEYE, CHINOOK, OR COHO: NO STREAM LIFE
IF(SSAV.GT.2,AND.I.EQ.N1) GO TO 590
IF(SSAV.GT.2) GO TO 500
C.....NO STREAM LIFE FOR WEIRS
IF(MSAV.EQ.'W',AND.I.EQ.N1) GO TO 590
IF(MSAV.EQ.'W') GO TO 500
C.....IF PINK OR CHUM: 17.5 DAY STREAM LIFE
I1=I-1
C.....CONVERT DATE TO DAY NUMBER
DAYS=DAY(I)-DAY(I1)

```

```

  IF(MON(I).NE.MON(I1)) DAYS=DAYS+31
C.....CONVERT SURVEY COUNT TO FISH-DAYS (AREA UNDER THE CURVE)
C.....USE AVERAGED COUNT DURING SURVEY INTERVAL AS #FISH
  AREA=DAYS*((ESTIM(I)+ESTIM(I1))/2)
C.....FISH-DAYS/STREAM LIFE = ESCAPEMENT
  ESC=AREA/STRMLIFE
  GO TO 510
500 ESC=ESTIM(I)
C.....CONVERT SOCKEYE, CHINOOK, COHO ACCUM TO DAILY COUNTS
  IF(SSAV.GT.2) ESC=ESTIM(I)-ACCUM
C.....ACCUM SURVEY PERIOD TOTALS
510 ACCUM=ACCUM+ESC
M=MON(I)
IDA=DAY(I)
IE=ESC+.5
ISUM=ACCUM+.5
LUN=10+SSAV
WRITE(LUN,3100) CSAV,M,IDA,YSAV,KIND(SSAV),IE,ISUM,MSAV
3100 FORMAT(14,4(1X,I2),2I9,1X,A1)
590 CONTINUE

700 IF(ISTOP.EQ.1) GO TO 900
DO 800 I=1,90
ESTIM(I)=0
800 CONTINUE
N=1
K=1
GO TO 100

900 WRITE(*,4000)
4000 FORMAT(/' DONT FORGET:/' 
& ' check output for multiple methods in the same year (by stream) '/'
& ' keep the one with the greater sample size & delete the others ')
STOP
END

```

**Appendix A.2. FORTRAN program listing for DUPLICAT.EXE.**

```

$DEBUG
C.....READ ESCAPEMENT SUMMARY FILE (GROUND, AERIAL, OR WIER)
C.....FROM GETESC.FOR. FOR EACH STREAM, SEARCH FOR MULTIPLE
C.....SURVEYS ON SAME DATE

IMPLICIT DOUBLE PRECISION (A-H)
IMPLICIT DOUBLE PRECISION (O-Z)
INTEGER NSTRM(41)
DIMENSION ESCAPE(41,12,122)
CHARACTER*36 FNAME
CHARACTER*1 METHOD
INTEGER SCODE(41,12)
CHARACTER*28 STREAM(41,12)
INTEGER ACODE(41),CODE
CHARACTER*22 AREA(41)
COMMON SCODE,STREAM,ACODE,AREA
COMMON /L/NSTRM

      WRITE(*,1300)
1300 FORMAT(/, 41 = chinook,/
&           , 42 = sockeye,/
&           , 43 = coho,/
&           , 44 = pink,/
&           , 45 = chum,/)
      READ(*,1400)KIND
1400 FORMAT(12)
      IS=KIND-40

      WRITE(*,1412)
1412 FORMAT(/, start with what year (99)?    ,\)
      READ(*,1400) JBEGL
      WRITE(*,1414)
1414 FORMAT(/, end with what year (99)?    ,\)
      READ(*,1400) JEND

120  WRITE(*,1450)
1450 FORMAT(/, escapement file name?    '`)
      READ(*,1430) FNAME
1430 FORMAT(A12)
      OPEN(2,FILE=FNAME,STATUS='OLD',ERR=130)
      GO TO 140
130  WRITE(*,1440) FNAME
1440 FORMAT(A12, DOES NOT EXIST, TRY AGAIN  ')
      GO TO 120

140  WRITE(*,1460)
1460 FORMAT(/, output file name?    '`)
      READ(*,1430) FNAME
      OPEN(5,FILE=FNAME)

      OPEN(6,FILE='CODES.LCI')
      CALL READCODE

C.....FOR EACH YEAR
DO 700 IYR=JBEGL,JEND
      WRITE(*,2100) IYR
2100 FORMAT('+,14)
      DO 200 I=1,41
      DO 200 J=1,12
      DO 200 K=1,122
      ESCAPE(I,J,K)=0
200  CONTINUE
      REWIND(2)
C.....READ ESCAPEMENT DATA
C.....

```

```

300  READ(2,2200,END=600) CODE,M, ID,IY,ISP,IRAW,METHOD
2200 FORMAT (I4,4(1X,I2),I9,10X,A1)
      IF(ISP.NE.KIND) GO TO 300
      IF(IY.NE.IYR) GO TO 300
      CALL STRMNO(CODE,LL,MM,ICHK)
      IF(ICHK.EQ.1) GO TO 300
      IF(M.EQ.6)IDATE=ID
      IF(M.EQ.7)IDATE=ID+30
      IF(M.EQ.8)IDATE=ID+61
      IF(M.EQ.9)IDATE=ID+92
C.....ANYTHING LATER THAN SEPTEMBER, LUMP INTO 9/30
      IF(M.GT.9)IDATE=122
      IF(ESCAPE(LL,MM, IDATE).EQ.0)GO TO 320
      WRITE(5,2200) CODE,M, ID,IY,ISP,IRAW,METHOD
      WRITE(*,2300) CODE,M, ID,IY,ISP,IRAW,METHOD
2300 FORMAT('+,I4,4(1X,I2),I9,10X,A1)
      GO TO 300
      320 ESCAPE(LL,MM, IDATE)=1
      GO TO 300

600  CONTINUE
700  CONTINUE
      STOP
      END

      SUBROUTINE READCODE
C.....READ LIST OF STREAM AND STAT AREA CODES
C.....85 STREAM CODES, 41 STAT AREAS
      IMPLICIT DOUBLE PRECISION (A-H)
      IMPLICIT DOUBLE PRECISION (O-Z)
      INTEGER NSTRM(41)
      INTEGER SCODE(41,12),RAW1
      CHARACTER*28 STREAM(41,12),RAW2
      INTEGER ACODE(41),RAW3,SAVE
      CHARACTER*22 AREA(41),RAW4
      COMMON SCODE,STREAM,ACODE,AREA
      COMMON /L/NSTRM
      OPEN(6,FILE='CODES.LCI')
      IPASS=0
100  READ(6,1000,END=900) RAW1,RAW2,RAW3,RAW4
1000 FORMAT(I4,1X,A28,1X,I5,1X,A22)
      IF(IPASS.EQ.1) GO TO 200
      M=1
      N=1
      SCODE(M,N)=RAW1
      STREAM(M,N)=RAW2
      ACODE(M)=RAW3
      SAVE=RAW3
      AREA(M)=RAW4
      NSTRM(M)=1
      IPASS=1
      GO TO 100
200  IF(RAW3.EQ.SAVE) GO TO 300
      N=1
      M=M+1
      SAVE=RAW3
      ACODE(M)=RAW3
      AREA(M)=RAW4
      SCODE(M,N)=RAW1
      STREAM(M,N)=RAW2
      NSTRM(M)=N
      GO TO 100
300  N=N+1
      SCODE(M,N)=RAW1
      STREAM(M,N)=RAW2
      NSTRM(M)=N
      GO TO 100

```

```
900 RETURN
END
SUBROUTINE STRMNO(ICODE,L,M,ICHK)
C.....ASSIGN ARRAY NUMBER FROM STREAM CODE
IMPLICIT DOUBLE PRECISION (A-H)
IMPLICIT DOUBLE PRECISION (O-Z)
INTEGER SCODE(41,12)
CHARACTER*28 STREAM(41,12)
INTEGER ACODE(41)
CHARACTER*22 AREA(41)
COMMON SCODE,STREAM,ACODE,AREA
ICHK=0
DO 300 L=1,41
DO 300 M=1,12
IF(ICODE.EQ.SCODE(L,M)) RETURN
300 CONTINUE
WRITE(*,1000) ICODE
1000 FORMAT(' STREAM CODE ',I4,' NOT VALID')
ICHK=1
RETURN
END
```

Appendix A.3. FORTRAN program listing for GETRUN.EXE.

```

$DEBUG
C.....READ CATCH AND ESCAPEMENT DATA (GROUND, AERIAL, OR WIER)
C.....E.G. 19?.CAT (FROM FRED JAMESON'S SOFTWARE)
C.....AND PINK.ESC OR CHUM.ESC (FROM GETESC.FOR WHICH READS
C.....RBASE EXPORT FILES)
C.....WRITE LOCATION CODES, DATES
C.....AND CUMMULATIVE RUN TIME CURVES FOR LOWER COOK INLET

C.....CATCH DATA IS ONE YEAR PER FILE (19?.CAT FRED JAMESON'S PROGRAMS)
C.....CATCH DATA IS FROM MIXED GEAR TYPES INCLUDING COST RECOVERY
C.....THEREFORE CATCH=CATCH+DATA

C.....ESCAPEMENT DATA IS ALL YEARS IN A FILE (PINK.ESC OR CHUM.ESC EXTRACTED
C.....FROM RBASE FILES)

C.....THE OUTPUT IS ANNUAL CUMMULATIVE CURVE, FOR MEAN CUMMULATIVE CURVES,
C.....FEED THE OUTPUT FROM THIS PROGRAM TO RUNTIME.FOR

C.....FISHING DISTRICTS AND SPAWNING STREAMS ARE LISTED IN SAME ORDER
C.....AS IN FILE CODES.LCI

IMPLICIT DOUBLE PRECISION (A-H)
IMPLICIT DOUBLE PRECISION (O-Z)
INTEGER NSTRM(41)
DIMENSION CAT(5),RUN(41,122),SUMESC(41),TOTAL(41)
CHARACTER*12 FNAME
CHARACTER*8,FILNAM
INTEGER SCODE(41,12),IBEG(41),IEND(41)
CHARACTER*28 STREAM(41,12)
INTEGER ACODE(41),CODE
CHARACTER*22 AREA(41)
COMMON SCODE,STREAM,ACODE,AREA
COMMON /L/NSTRM

      WRITE(*,1200)
1200 FORMAT(/, '1 = catch only',/
&           '2 = escapement only',/
&           '3 = total run (catch + escapement)    ',\)
      READ(*,1400)ISW

      WRITE(*,1300)
1300 FORMAT(/, '41 = chinook',/
&           '42 = sockeye',/
&           '43 = coho',/
&           '44 = pink',/
&           '45 = chum   ',\)
      READ(*,1400)KIND
1400 FORMAT(I2)
      IS=KIND-40

      WRITE(*,1412)
1412 FORMAT(/, 'start with what year (99)?    ',\)
      READ(*,1400) JBEG
      WRITE(*,1414)
1414 FORMAT(/, 'end with what year (99)?    ',\)
      READ(*,1400) JEND

      IF(ISW.EQ.1) GO TO 140
120  WRITE(*,1450)
1450 FORMAT(/, 'escapement file name?    ')
      READ(*,1430) FNAME
1430 FORMAT(A12)
      OPEN(2,FILE=FNAME,STATUS='OLD',ERR=130)
      GO TO 140
130  WRITE(*,1440) FNAME
1440 FORMAT(A12, 'DOES NOT EXIST, TRY AGAIN  ')

```

```

      GO TO 120

140  WRITE(*,1460)
1460 FORMAT(/, 'output file name?    ')
      READ(*,1430) FNAME
      OPEN(5,FILE=FNAME)

      OPEN(6,FILE='CODES.LCI')
      CALL READCODE

C.....FOR EACH YEAR
      DO 700 IYR=JBEG,JEND

C.....ZERO OUT ARRAYS
      DO 180 M=1,41
      SUMESC(M)=0
      TOTAL(M)=0
      IBEG(M)=122
      IEND(M)=0
      DO 180 N=1,122
      RUN(M,N)=0
180  CONTINUE

      IF(ISW.EQ.2) GO TO 290
      CLOSE(1)
      CALL CONCAT(IYR,FILNAM)
      OPEN(1,FILE=FILNAM,STATUS='OLD')
C.....SKIP 4 HEADER RECORDS IN CATCH FILE
      READ(1,1500)
      READ(1,1500)
      READ(1,1500)
      READ(1,1500)

C.....READ CATCH DATA
C...
220  READ(1,1500,END=290)IY,CODE,M,ID,(CAT(I),I=1,5)
1500 FORMAT(2X,I2,3X,I5,6X,I1,I2,4X,F7.0,7X,F8.0,8X,F8.0,8X,
&F8.0,8X,F8.0,8X)
      IF(IY.NE.IYR) GO TO 220
      CALL AREANO(CODE,L,ICHK)
      IF(ICHK.EQ.1) GO TO 220

C.....LUMP CATCHES FROM PORT DICK ENTRANCE, SOUTH SECTION, & TAYLOR BAY
C.....INTO NORTH SECTION
      IF(L.EQ.17)L=20
      IF(L.EQ.18)L=20
      IF(L.EQ.19)L=20

      IF(M.EQ.6)IDATE=ID
      IF(M.EQ.7)IDATE=ID+30
      IF(M.EQ.8)IDATE=ID+61
      IF(M.EQ.9)IDATE=ID+92
C.....ACCUMULATE CATCHES (MAY BE FROM SEVERAL GEAR TYPES + COST RECOVERY)
C.....INTO TOTALRUN
      RUN(L,IDATE)=RUN(L,IDATE)+CAT(ID)
      TOTAL(L)=TOTAL(L)+CAT(ID)
C.....FIND EARLIEST NON-ZERO DATE AND LATEST DATE
      IF(RUN(L,IDATE).EQ.0) GO TO 220
      IF(IDATE.GT.IEND(L))IEND(L)=IDATE
      IF(IDATE.LT.IBEG(L))IBEG(L)=IDATE
      GO TO 220

C.....READ ESCAPEMENT DATA
C...

```

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```
290 IF(ISW.EQ.1) GO TO 400
    REWIND(2)
300 READ(2,2200,END=400) CODE,M, ID,IY,ISP,ESC
2200 FORMAT(I4,4(1X,I2),F9.0)
    IF(ISP.NE.KIND) GO TO 300
    IF(IY.NE.IYR) GO TO 300
    CALL STRMNO(CODE,L,MM,ICHK)
    IF(ICHK.EQ.1) GO TO 300

C.....CATCH CURVE ONLY FOR THE FOLLOWING STREAMS
C.....HALIBUT COVE SUBDISTRICT
    IF(L.EQ.3) GO TO 300
C.....HALIBUT COVE LAGOON
    IF(L.EQ.4) GO TO 300
C.....CHINA POOT BAY
    IF(L.EQ.5) GO TO 300
C.....NEPTUNE BAY
    IF(L.EQ.6) GO TO 300
C.....TUTKA BAY
    IF(L.EQ.7) GO TO 300
C.....KIRSCHNER LAKE
    IF(L.EQ.35) GO TO 300
C.....LUMP ESCAPEMENTS FROM PORT DICK ENTRANCE, SOUTH SECTION, & TAYLOR BAY
C.....INTO NORTH SECTION
    IF(L.EQ.17) L=20
    IF(L.EQ.18) L=20
    IF(L.EQ.19) L=20

    IF(M.EQ.6)IDATE=ID
    IF(M.EQ.7)IDATE=ID+30
    IF(M.EQ.8)IDATE=ID+61
    IF(M.EQ.9)IDATE=ID+92
C.....ANYTHING LATER THAN SEPTEMBER, LUMP INTO 9/30
    IF(M.GT.9)IDATE=122
C.....ACCUMULATE ESCAPEMENTS FROM ALL STREAMS FLOWING INTO DISTRICT
C.....INTO TOTAL RUN
    RUN(L, IDATE)=RUN(L, IDATE)+ESC
    SUMESC(L)=SUMESC(L)+ESC
    TOTAL(L)=TOTAL(L)+ESC
    IF(ESC.EQ.0) GO TO 300
    IF(IDATE.GT.IEND(L))IEND(L)=IDATE
    IF(IDATE.LT.IBEG(L))IBEG(L)=IDATE
    GO TO 300

C.....FIND RUN TIMING
C.....
400 DO 600 L=1,41
C.....SKIP IF NO RUN
    IF(TOTAL(L).EQ.0) GOTO 600
    IF(ISW.EQ.1) GO TO 450
C.....NO ESCAPEMENT DATA FOR THE FOLLOWING STREAMS
C.....HALIBUT COVE SUBDISTRICT
    IF(L.EQ.3) GO TO 450
C.....HALIBUT COVE LAGOON
    IF(L.EQ.4) GO TO 450
C.....CHINA POOT BAY
    IF(L.EQ.5) GO TO 450
C.....NEPTUNE BAY
    IF(L.EQ.6) GO TO 450
C.....TUTKA BAY
    IF(L.EQ.7) GO TO 450
C.....KIRSCHNER LAKE
    IF(L.EQ.35) GO TO 450
C.....FOR MOST DISTRICTS, ESCAPEMENT REQUIRED FOR TOTAL RUN
    IF(SUMESC(L).EQ.0) GO TO 600
```

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```
450 ACCUM=0
DO 590 N=1,122
C.....SKIP UNTIL FIRST NON-ZERO DATA
    IF(N.LT.IBEG(L)) GO TO 590
C.....SKIP WHEN LAST DATE FOUND
    IF(N.GT.IEND(L)) GO TO 590

    IF(N.LE.30)M=6
    IF(N.GE.31.AND.N.LE.61)M=7
    IF(N.GE.62.AND.N.LE.92)M=8
    IF(N.GE.93)M=9
    IF(N.LE.30)ID=N
    IF(N.GE.31.AND.N.LE.61)ID=N-30
    IF(N.GE.62.AND.N.LE.92)ID=N-61
    IF(N.GE.93)ID=N-92

C.....PERCENTAGE REMAINS THE SAME UNLESS SUPERCEDED BY NEW DATA
    ACCUM=ACCUM+RUN(L,N)
    PCT=ACCUM/TOTAL(L)
    IACCUM=ACCUM
    WRITE(5,5100) ACODE(L),M, ID,IYR,PCT,IACCUM
5100 FORMAT(I5,3I3,F6.3,19)
590 CONTINUE

600 CONTINUE
700 CONTINUE
STOP
END
SUBROUTINE READCODE
C.....READ LIST OF STREAM AND STAT AREA CODES
C.....85 STREAM CODES, 41 STAT AREAS
    IMPLICIT DOUBLE PRECISION (A-H)
    IMPLICIT DOUBLE PRECISION (O-Z)
    INTEGER NSTRM(41)
    INTEGER SCODE(41,12),RAW1
    CHARACTER*28 STREAM(41,12),RAW2
    INTEGER ACODE(41),RAW3,SAVE
    CHARACTER*22 AREA(41),RAW4
    COMMON SCODE,STREAM,ACODE,AREA
    COMMON /L/NSTRM
    OPEN(6,FILE='CODES.LCI')
    IPASS=0
100 READ(6,1000,END=900) RAW1,RAW2,RAW3,RAW4
1000 FORMAT(I4,1X,A28,1X,I5,1X,A22)
    IF(IPASS.EQ.1) GO TO 200
    M=1
    N=1
    SCODE(M,N)=RAW1
    STREAM(M,N)=RAW2
    ACODE(M)=RAW3
    SAVE=RAW3
    AREA(M)=RAW4
    NSTRM(M)=1
    IPASS=1
    GO TO 100
200 IF(RAW3.EQ.SAVE) GO TO 300
    N=1
    M=M+1
    SAVE=RAW3
    ACODE(M)=RAW3
    AREA(M)=RAW4
    SCODE(M,N)=RAW1
    STREAM(M,N)=RAW2
    NSTRM(M)=N
    GO TO 100
```

```
300 N=N+1
SCODE(M,N)=RAW1
STREAM(M,N)=RAW2
NSTRM(M)=N
GO TO 100
900 RETURN
END
SUBROUTINE STRMNO(ICODE,L,M,ICHK)
C.....ASSIGN ARRAY NUMBER FROM STREAM CODE
IMPLICIT DOUBLE PRECISION (A-H)
IMPLICIT DOUBLE PRECISION (0-Z)
INTEGER SCODE(41,12)
CHARACTER*28 STREAM(41,12)
INTEGER ACODE(41)
CHARACTER*22 AREA(41)
COMMON SCODE,STREAM,ACODE,AREA
ICHK=0
DO 300 L=1,41
DO 300 M=1,12
IF(ICODE.EQ.SCODE(L,M)) RETURN
300 CONTINUE
WRITE(*,1000) ICODE
1000 FORMAT(' STREAM CODE ',I4,' NOT VALID')
ICHK=1
RETURN
END
SUBROUTINE AREANO(CODE,L,ICHK)
C.....ASSIGN ARRAY NUMBER FROM STAT AREA CODE
C.....ICHK = 0, STAT AREA CODE VALID
C.....ICHK = 1, STAT AREA CODE NOT VALID
IMPLICIT DOUBLE PRECISION (A-H)
IMPLICIT DOUBLE PRECISION (0-Z)
INTEGER SCODE(41,12)
CHARACTER*28 STREAM(41,12)
INTEGER ACODE(41),CODE
CHARACTER*22 AREA(41)
COMMON SCODE,STREAM,ACODE,AREA
ICHK=0
DO 300 L=1,41
IF(CODE.EQ.ACODE(L)) RETURN
300 CONTINUE
WRITE(*,1000) CODE
1000 FORMAT(' STAT AREA CODE ',I5,' NOT VALID')
ICHK=1
RETURN
END
SUBROUTINE CONCAT(IYR,FILNAM)
IMPLICIT DOUBLE PRECISION (A-H)
IMPLICIT DOUBLE PRECISION (0-Z)
CHARACTER*8 FILNAM
FILNAM='1990.CAT'
C WRITE(*,4000)
C4000 FORMAT(' YEAR (yy)?    \'')
C READ(*,3000) IYR
C3000 FDRMAT(I2)
      WRITE(FILNAM(3:4),5000) IYR
5000 FORMAT(I2)
      WRITE(*,2000)FILNAM
2000 FORMAT('/',A8 '/')
RETURN
END
```

**Appendix A.4. FORTRAN program listing for RUNTIME.EXE.**

```

$DEBUG
C.....READ annual run time data (from GETTIME.FOR which combined the data
C.....from 19??,CAT, pink.ESC or chum.ESC)
C.....BE SURE TO MERGE ALL ANNUAL RUN TIME FILES INTO A SINGLE FILE FOR THIS PROG
RAM
C.....READ LOCATION CODES, YEAR, DATES, AND CUMULATIVE PROPORTIONS
C.....CALCULATE MEAN CUMMULATIVE RUN TIME CURVES FOR LOWER COOK INLET
C.....FISHING DISTRICTS AND SPAWNING STREAMS ARE LISTED IN SAME ORDER
C.....AS IN FILE CODES.LCI

IMPLICIT DOUBLE PRECISION (A-H)
IMPLICIT DOUBLE PRECISION (O-Z)
DIMENSION PCT(41,122),COUNT(41,122),PCT2(41,122),TEST(41)
CHARACTER*1 P(51)
CHARACTER*7 SPECIES(5)
CHARACTER*12 FNAME
INTEGER ACODE(41),CODE
CHARACTER*22 AREA(41)
COMMON ACODE,AREA
DATA SPECIES/'Chinook','Sockeye','Coho ','Pink ','Chum  '/

      WRITE(*,1300)
1300 FORMAT(/, 41 = chinook,,/
&       , 42 = sockeye,,/
&       , 43 = coho,,/
&       , 44 = pink,,/
&       , 45 = chum  ,.)
      READ(*,1400)KIND
1400 FORMAT(12)
IS=KIND-40

      80 WRITE(*,1420)
1420 FORMAT(/ combined output files from GETTIME.FOR?    '\)
      READ(*,1430) FNAME
1430 FORMAT(A12)
OPEN(1,FILE=FNAME,STATUS='OLD',ERR=90)
GO TO 120
90 WRITE(*,1440) FNAME
1440 FORMAT(A12, ' DOES NOT EXIST, TRY AGAIN ')
GO TO 80

      120 WRITE(*,1460)
1460 FORMAT(/ output file name?    '\)
      READ(*,1430) FNAME
OPEN(5,FILE=FNAME)

      OPEN(6,FILE='CODES.LCI')
      CALL READCODE

C.....ZERO OUT ARRAYS
DO 210 L=1,41
TEST(L)=0
DO 210 N=1,122
PCT(L,N)=0
PCT2(L,N)=0
COUNT(L,N)=0
210 CONTINUE

C.....READ annual RUNTIME DATA DATA
C.....
220 READ(1,1500,END=300)CODE,M,ID,IYR,DAT
1500 FORMAT(I5,3I3,F6.3)

```

```

CALL AREANO(CODE,LL,ICHK)
IF(ICLK.EQ.1) GO TO 220
IF(M.EQ.6)IDATE=ID
IF(M.EQ.7)IDATE=ID+30
IF(M.EQ.8)IDATE=ID+61
IF(M.EQ.9)IDATE=ID+92
PCT(LL, IDATE)=PCT(LL, IDATE)+DAT
PCT2(LL, IDATE)=PCT2(LL, IDATE)+DAT*DAT
COUNT(LL, IDATE)=COUNT(LL, IDATE)+1
TEST(LL)=TEST(LL)+DAT
GO TO 220

C.....FIND MEAN CUMMULATIVE CURVE
C.....
300 DO 600 L=1,41
C.....START WITH CONFIDENCE LIMITS AT 0-0
CLLO=0
CLHI=0
IF(TEST(L).EQ.0) GO TO 600
C.....WRITE '*' IN COLUMN 1 TO INDICATE 1ST HEADER RECORD WITH NAME
C.....WRITE ' ' IN COLUMN 1 TO INDICATE 2ND HEADER RECORD
C.....WRITE ' ' IN COLUMNS 1 & 2 TO INDICATE DATA RECORD WITH DATE
      WRITE(5,1900)ACODE(L),AREA(L),SPECIES(IS)
1900 FORMAT(/,*,15,1X,A22,1X,A7, 'salmon run time curve',/,
'& Mo Da Low Mean Hi n',
'&,'0.0',7X,'0.2',7X,'0.4',7X,'0.6',7X,'0.8',7X,'1.0')
DO 580 N=1,122
C.....SKIP IF NO DATA
IF(COUNT(L,N).EQ.0) GO TO 580
VAR=0
IF(COUNT(L,N).EQ.1) GO TO 500
C.....VARIANCE
VAR=( PCT2(L,N) - ( (PCT(L,N)*PCT(L,N)) /COUNT(L,N) ) /
& (COUNT(L,N)-1))
C.....MEAN
PCT(L,N)=PCT(L,N)/COUNT(L,N)
500 TEMP=VAR/COUNT(L,N)
C.....USE PREVIOUS CONFIDENCE LIMITS IF NO DATA TO CALCULATE NEW C.L.
C.....e.g. toward the end of the year when the sample size gets smaller
C.....and C.L. cannot be calculated, use the last available C.L. instead
IF(TEMP.LE.0) GO TO 505
C.....ASSUME N = INFINITE, LET t(.1) = 1.65
CLLO=PCT(L,N)-1.65*SQRT(TEMP)
CLHI=PCT(L,N)+1.65*SQRT(TEMP)
IF(CLLO.LT.0) CLLO=0
IF(CLHI.GT.1) CLHI=1
505 IF(N.LE.30)M=6
IF(N.GE.31.AND.N.LE.61)M=7
IF(N.GE.62.AND.N.LE.92)M=8
IF(N.GE.93)M=9
IF(N.LE.30)ID=N
IF(N.GE.31.AND.N.LE.61)ID=N-30
IF(N.GE.62.AND.N.LE.92)ID=N-61
IF(N.GE.93)ID=N-92
NN=COUNT(L,N)
C.....CALCULATE PLOT POSITIONS
DO 510 K=1,51
P(K)=
510 CONTINUE
NPOS=50*CLLO+1.5
P(NPOS)=L
IF(NN.EQ.1) P(NPOS)='
NPOS=50*CLHI+1.5
P(NPOS)=H
IF(CLHI.LT.PCT(L,N)) P(NPOS)='

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```

IF(NM.EQ.1) P(NPOS)='
NPOS=50*PCT(L,N)+1.5
P(NPOS)='X'
WRITE(5,2000) M, ID, CLLO, PCT(L,N), CLHI, NN, (P(K), K=1, 51)
2000 FORMAT(2I3, 3F5.2, I3, 2X, 5A1)
580 CONTINUE
WRITE(5,2900)
2900 FORMAT(' Mo Da Low Mean Hi n , '
&, '0.0', 7X, '0.2', 7X, '0.4', 7X, '0.6', 7X, '0.8', 7X, '1.0')
600 CONTINUE
STOP
END
SUBROUTINE READCODE
C.....READ LIST OF STREAM AND STAT AREA CODES
C.....85 STREAM CODES, 41 STAT AREAS
IMPLICIT DOUBLE PRECISION (A-H)
IMPLICIT DOUBLE PRECISION (O-Z)
INTEGER NSTRM(41)
INTEGER SCODE(41,12), RAW1
CHARACTER*28 STREAM(41,12), RAW2
INTEGER ACODE(41), RAW3, SAVE
CHARACTER*22 AREA(41), RAW4
COMMON ACODE, AREA
OPEN(6, FILE='CODES.LCI')
IPASS=0
100 READ(6, 1000, END=900) RAW1, RAW2, RAW3, RAW4
1000 FORMAT(I4, 1X, A28, 1X, I5, 1X, A22)
IF(IPASS.EQ.1) GO TO 200
M=1
N=1
SCODE(M, N)=RAW1
STREAM(M, N)=RAW2
ACODE(M)=RAW3
SAVE=RAW3
AREA(M)=RAW4
NSTRM(M)=1
IPASS=1
GO TO 100
200 IF(RAW3.EQ.SAVE) GO TO 300
N=1
M=M+1
SAVE=RAW3
ACODE(M)=RAW3
AREA(M)=RAW4
SCODE(M, N)=RAW1
STREAM(M, N)=RAW2
NSTRM(M)=N
GO TO 100
300 N=N+1
SCODE(M, N)=RAW1
STREAM(M, N)=RAW2
NSTRM(M)=N
GO TO 100
900 RETURN
END
SUBROUTINE AREANO(CODE, L, ICHK)
C....ASSIGN ARRAY NUMBER FROM STAT AREA CODE
C....ICHK = 0, STAT AREA CODE VALID
C....ICHK = 1, STAT AREA CODE NOT VALID
IMPLICIT DOUBLE PRECISION (A-H)
IMPLICIT DOUBLE PRECISION (O-Z)
INTEGER ACODE(41), CODE
CHARACTER*22 AREA(41)
COMMON ACODE, AREA
ICHK=0

```

```

DO 300 L=1, 41
IF(CODE.EQ.ACODE(L)) RETURN
300 CONTINUE
WRITE(*, 1000) CODE
1000 FORMAT(' STAT AREA CODE ', I5, ' NOT VALID')
ICHK=1
RETURN
END

```

**APPENDIX B: STREAM AND HARVEST AREA CODES**

Appendix B.1. Paired spawning stream and harvest area codes as listed in file named CODES.LCI.

1000 Homer Spit	24113 Homer Spit E.	1
1020 Fox Creek	24114 Humpy Creek	2
1040 Clearwater Slough	24114 Humpy Creek	
1060 Humpy Creek	24114 Humpy Creek	
1080 Halibut Cove Lagoon	24115 Halibut Cove Subdist.	3
1100 China Poot Bay	24108 Halibut Cove Lagoon	4
Hazel Lake Creek	24109 China Poot Bay	5
1120 Sadie Cove	24110 Neptune Bay	6
1140 Tutka Creek	24116 Tutka Bay	7
1141 Tutka Lagoon	24116 Tutka Bay	
1142 Hatchery net pens	24116 Tutka Bay	
1160 Tutka Bay Head	24116 Tutka Bay	
1180 Jakolof Bay	24116 Tutka Bay	
1200 MacDonald Spit	24116 Tutka Bay	
1240 Seldovia River	24117 Seldovia Bay	8
1260 Fourth of July Creek (Seldovia)	24117 Seldovia Bay	
1220 Barabara Creek	24118 Barabara	9
1280 Port Graham River	24120 Port Graham	10
1300 English Bay	24130 English Bay	11
2020 Dogfish Bay	23201 Dogfish Bay	12
2040 Port Chatham	23202 Port Chatham	13
2060 Anderson Beach	23203 Chugach Bay	14
2070 Chugach Bay	23203 Chugach Bay	
2080 Windy River Left	23204 Windy Bay	15
2100 Windy River Right	23204 Windy Bay	
2120 Scurvey Creek	23205 Rocky Bay	16
2140 Picnic Harbor	23205 Rocky Bay	
2160 Rocky River	23205 Rocky Bay	
2180 One Haul Bay	23205 Rocky Bay	
2300 Sunday Harbor	23206 Port Dick Entrance	17
2320 Takoma Cove	23206 Port Dick Entrance	
2280 Taylor Bay	23207 Port Dick South Sect.	18
2200 Port Dick-Head End Creek	23208 Taylor Bay	19
2220 Port Dick-Slide Creek	23209 Port Dick North Sect.	20
2240 Port Dick-Middle Creek	23209 Port Dick North Sect.	
2260 Port Dick-Island Creek	23209 Port Dick North Sect.	
2340 Tonsina Bay	23210 Petrof	21
2360 Petrof River	23210 Petrof	
2380 Nuka Passage	23215 Nuka Island	22
2400 Nuka Island South Creek	23215 Nuka Island	
2420 Berger Bay	23215 Nuka Island	
2430 Herring Pete Bay	23215 Nuka Island	
2440 Mike's Bay	23215 Nuka Island	
2460 Home Cove	23215 Nuka Island	
2480 Nuka Bay West Arm	23222 Nuka Bay West Arm	23
2500 Yalik Bay	23222 Nuka Bay West Arm	
2520 Beauty Bay	23222 Nuka Bay West Arm	
2540 James Lagoon	23223 East Arm Nuka	24
2560 Desire Lake	23223 East Arm Nuka	
2580 Delight Lake	23223 East Arm Nuka	
2590 Ecstasy Lake	23223 East Arm Nuka	
2600 Two Arm Bay	23230 Harris Bay	25
2620 Harris Bay	23230 Harris Bay	

-continued-

Appendix B.1. (page 2 of 2)

3020 Quicksand Cove	23105 Aialik Bay	26
3040 Aialik Lake	23105 Aialik Bay	
3060 Tonsina Creek	23130 Resurrection Bay N.	27
3080 Airport Creek	23130 Resurrection Bay N.	
3100 Salmon Creek	23130 Resurrection Bay N.	
3120 Grouse Creek	23130 Resurrection Bay N.	
3140 Bear Creek	23130 Resurrection Bay N.	
3160 Clear Creek	23130 Resurrection Bay N.	
3180 Jap Creek	23130 Resurrection Bay N.	
3200 Mayor Creek	23130 Resurrection Bay N.	
3220 Sawmill Creek	23130 Resurrection Bay N.	
3240 Spring Creek	23130 Resurrection Bay N.	
3260 Fourth of July Creek (Resurrection Bay)	23130 Resurrection Bay N.	
3280 Thumb Cove	23130 Resurrection Bay N.	
3300 Humpy Cove	23140 Resurrection Bay E.	28
3320 Day Harbor	23160 Day Harbor	29
4100 Bowser Creek	24990 Oil Bay	30
4120 Iniskin River	24985 Iniskin Bay	31
4130 Sugarloaf Creek	24985 Iniskin Bay	
4160 North Head Creek	24985 Iniskin Bay	
4180 Iliamna Bay	24983 Cottonwood Bay	32
4200 Cottonwood Creek	24983 Cottonwood Bay	
4210 Ursus Head Creek	24980 Ursus Cove	33
4220 Brown Peak Creek	24980 Ursus Cove	
4230 Ursus Lagoon Righthand	24980 Ursus Cove	
4240 Ursus Lagoon	24980 Ursus Cove	
4260 Sunday Creek	24978 Rocky Cove	34
4300 Bruin Bay	24975 Kirschner Lake	35
4320 Amakdedori Creek	24970 Bruin Bay	36
4340 Chenik Creek	24970 Bruin Bay	
4360 Paint River	24955 Chenik Lake	37
4380 McNeil River	24952 Paint River	38
4400 Mikfik Creek	24950 McNeil River	39
4420 Little Kamishak River	24950 McNeil River	
4440 Strike Creek	24945 Kamishak River	40
4460 Big Kamishak River	24945 Kamishak River	
4480 Douglas Reef	24945 Kamishak River	
4500 Douglas Reef Main Left	24940 Douglas River	41
4520 Douglas Beach	24940 Douglas River	
4540 Douglas Clearwater Tributary	24940 Douglas River	

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